

Figure 1

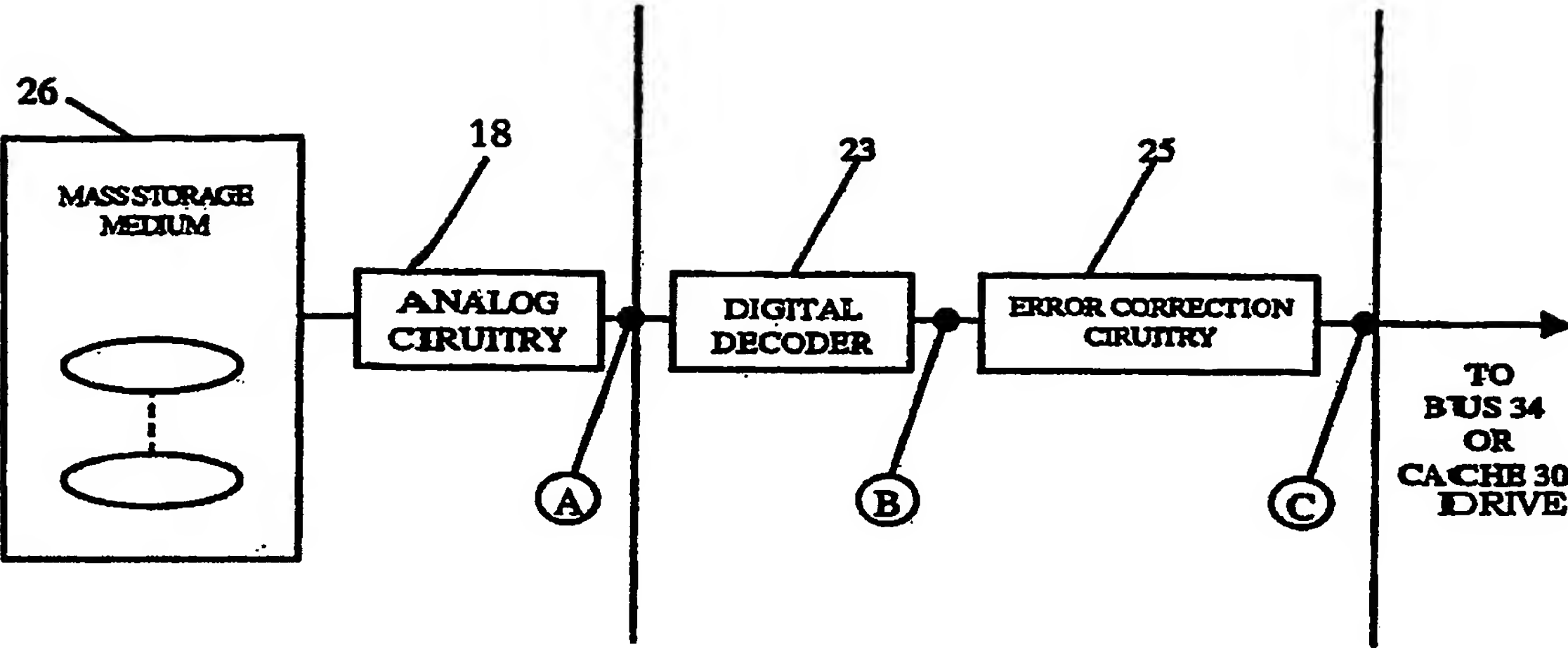


Figure 2

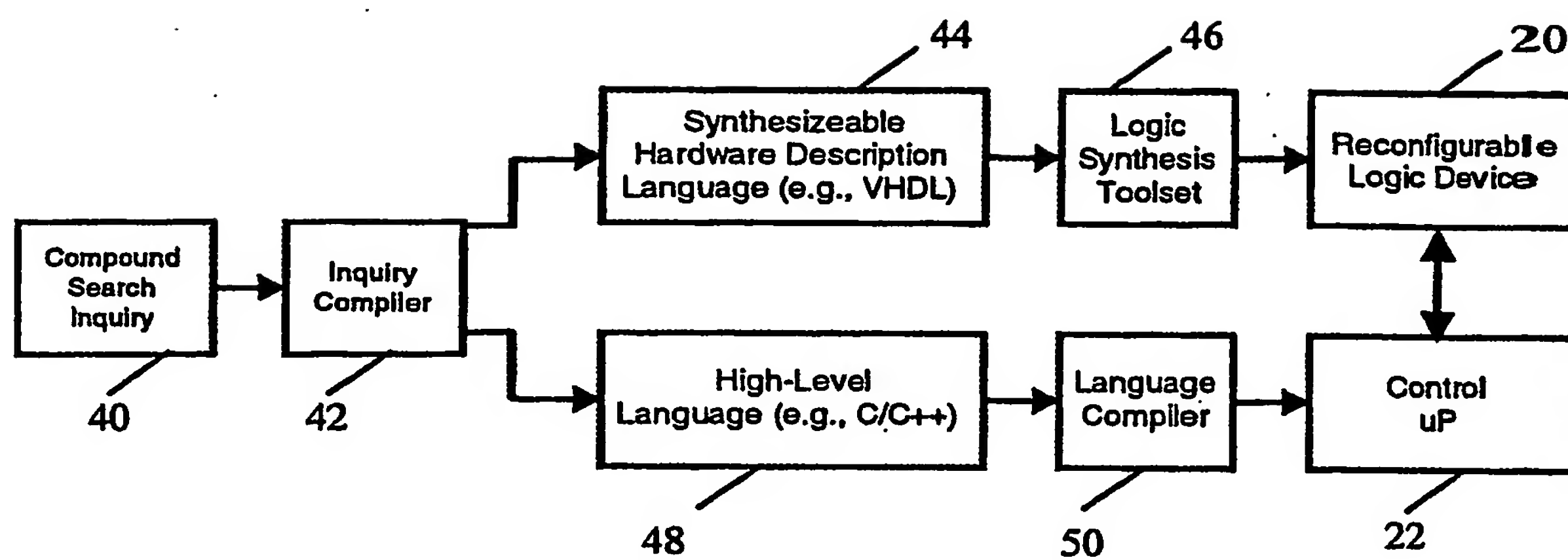


Figure 3

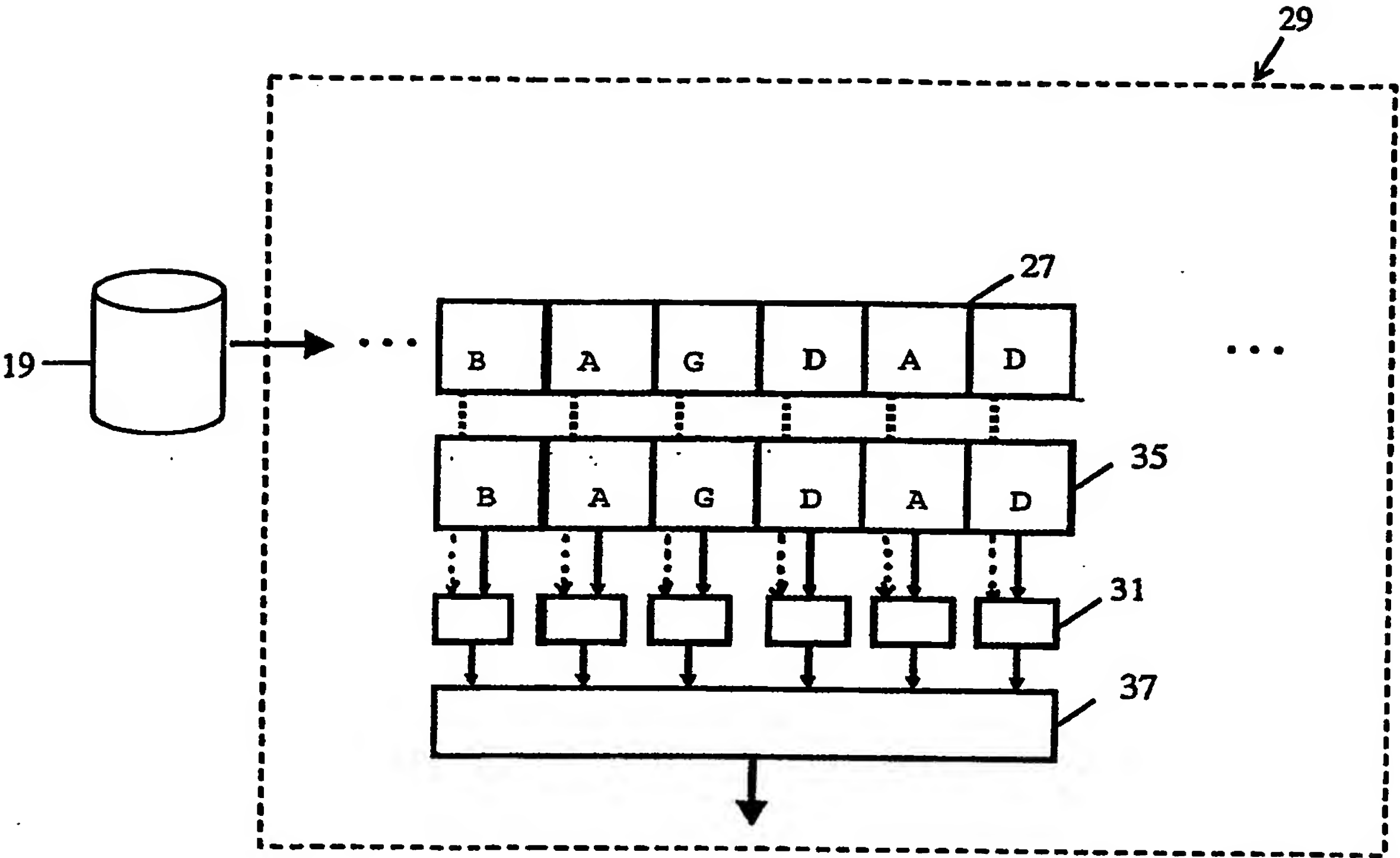


Figure 4

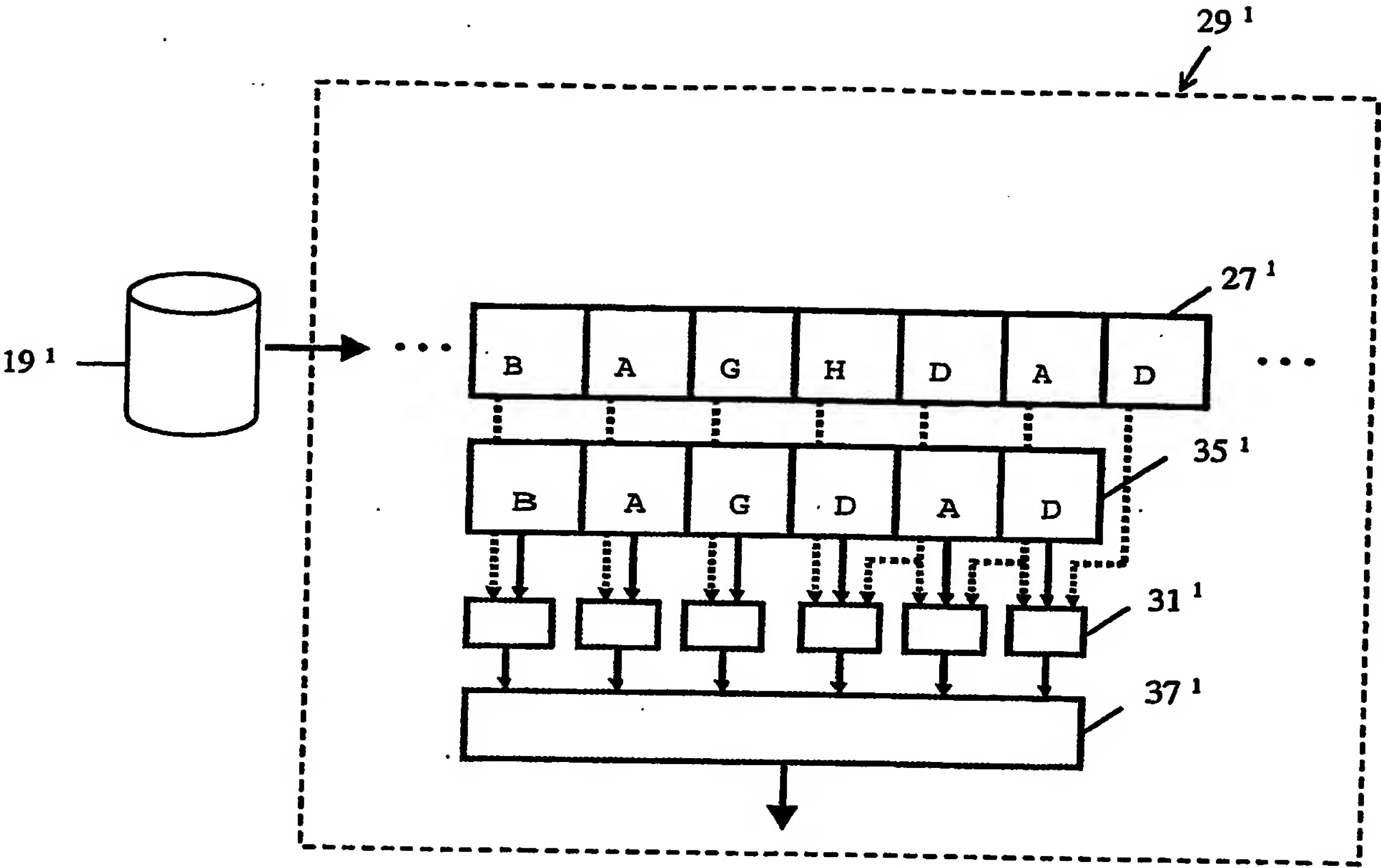


Figure 5

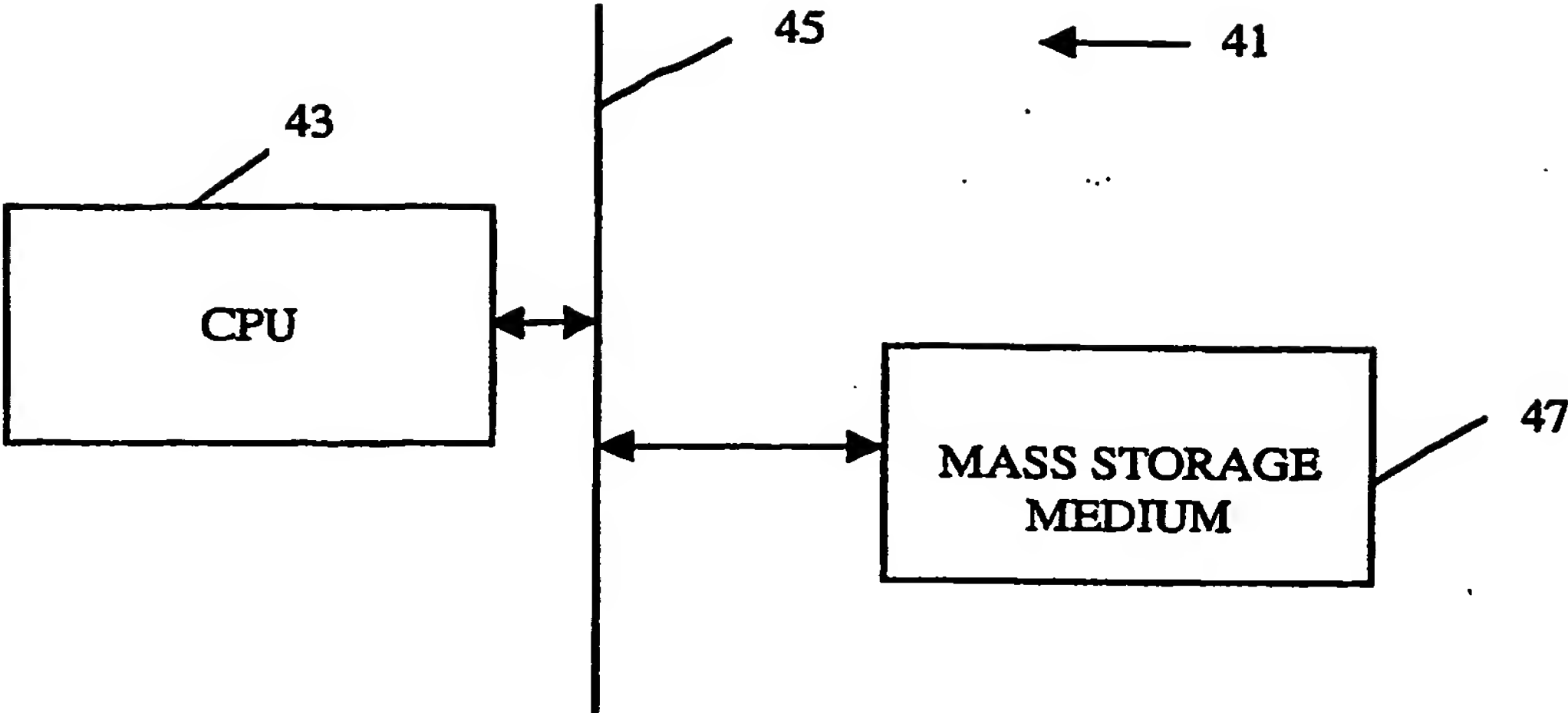


Figure 6

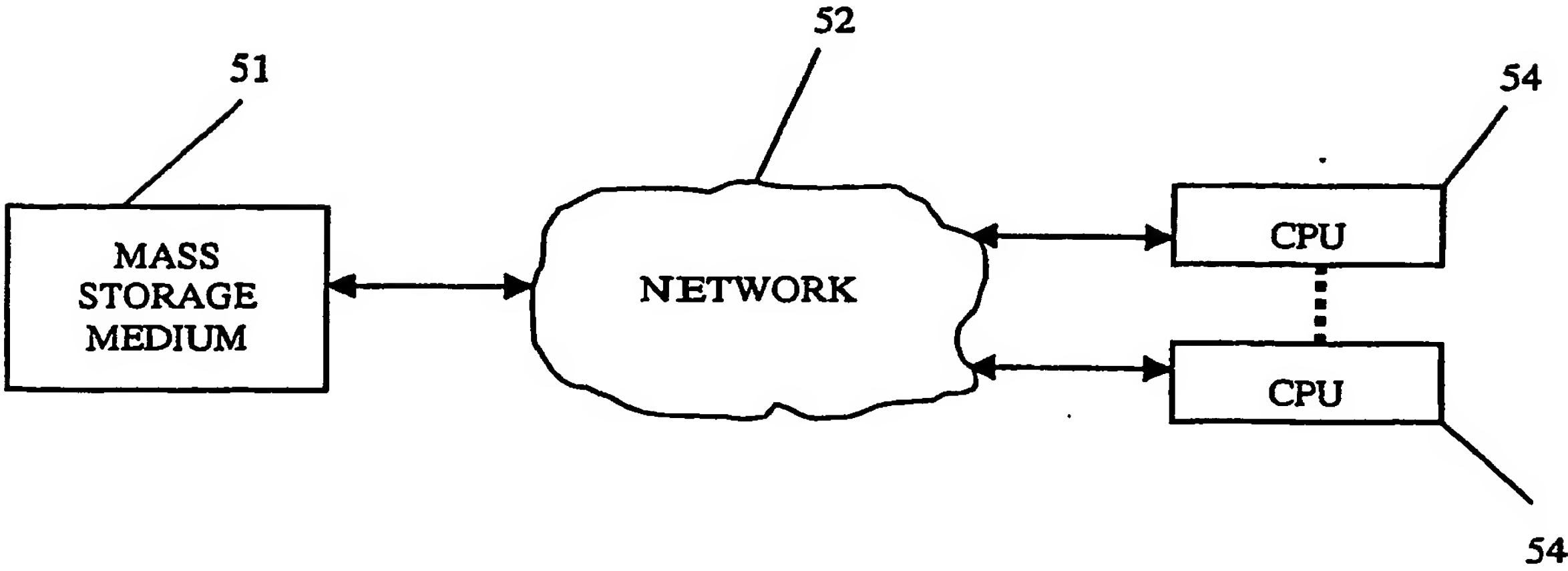


Figure 7

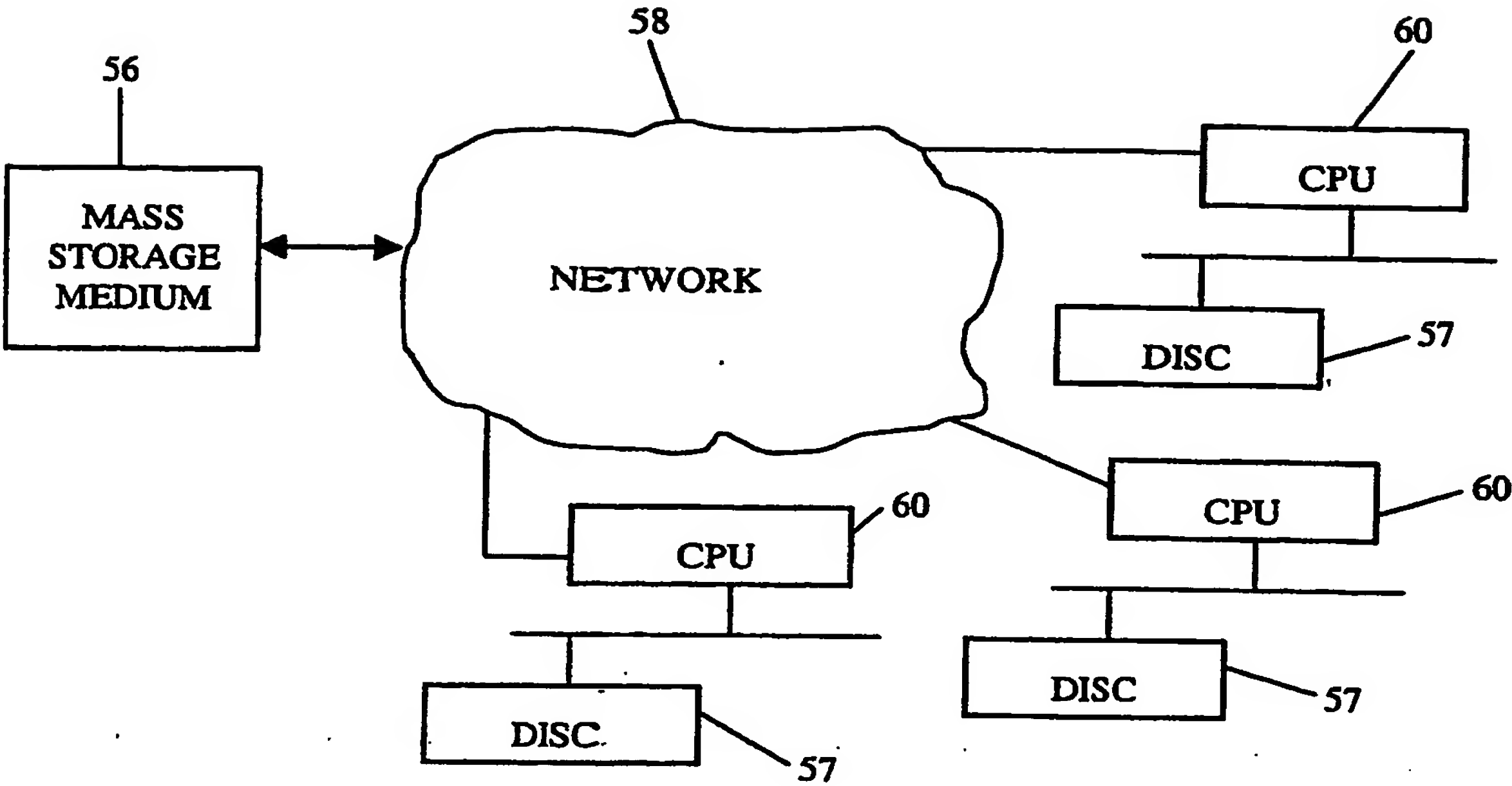


Figure 8

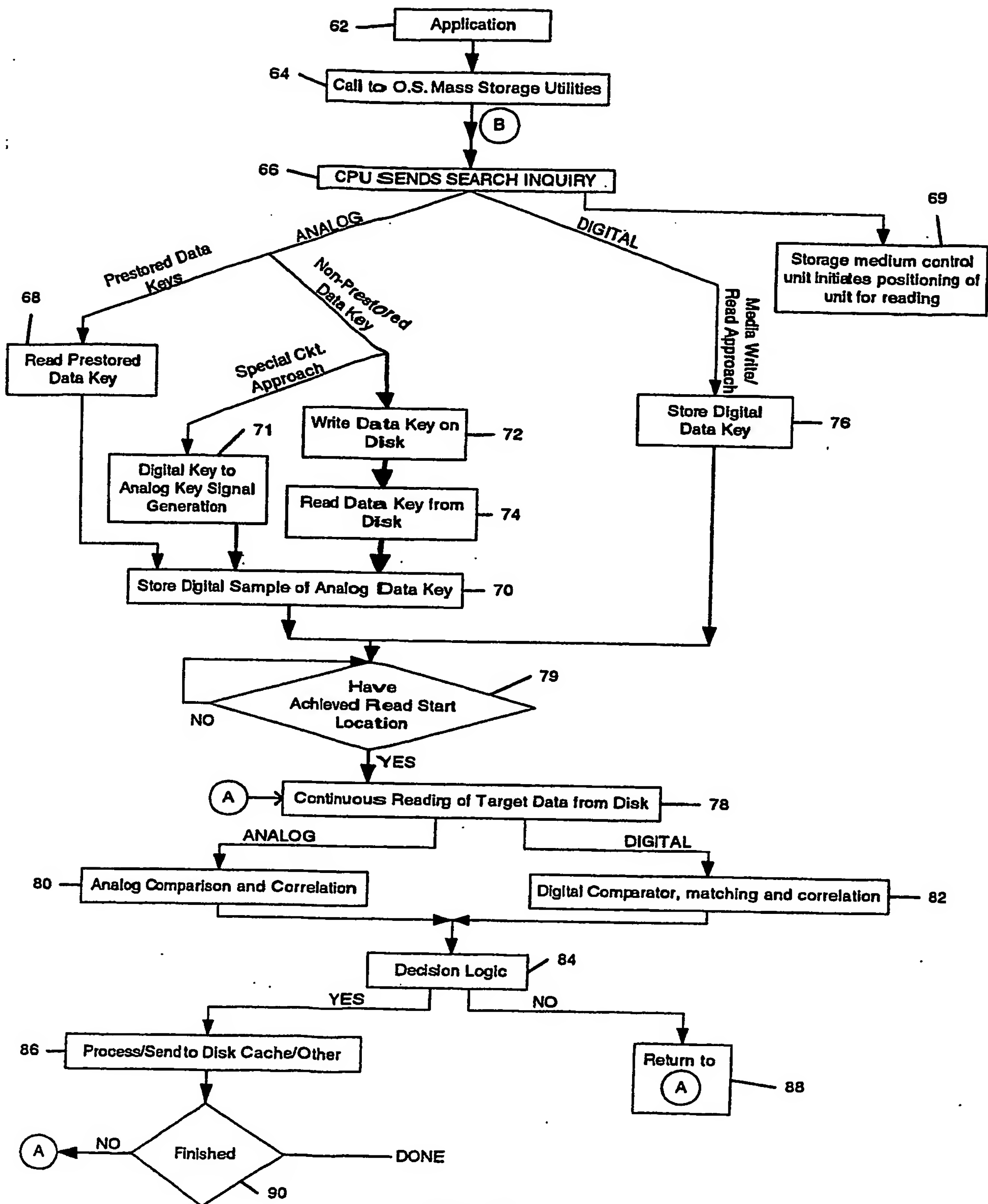


Figure 9



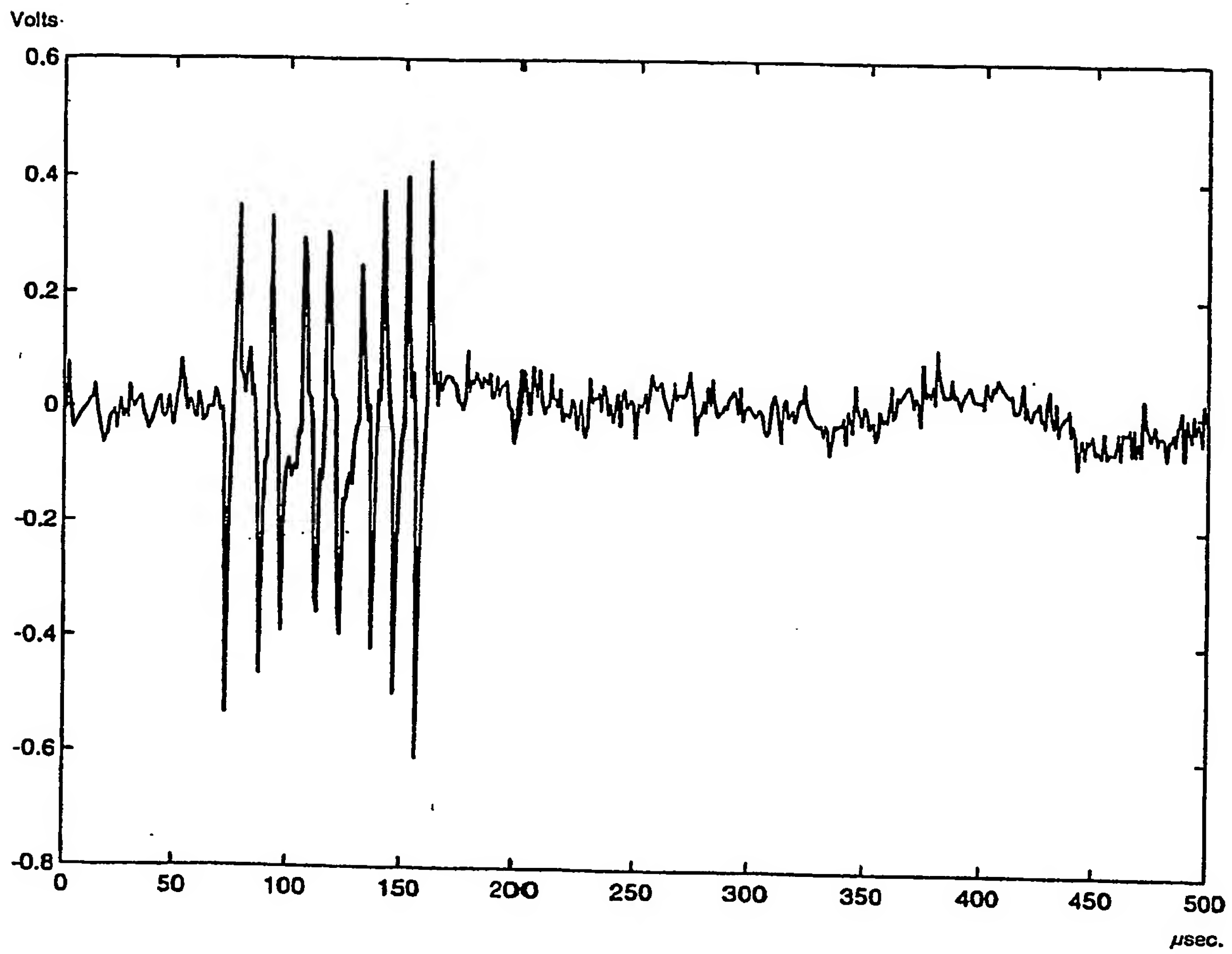


Figure 10

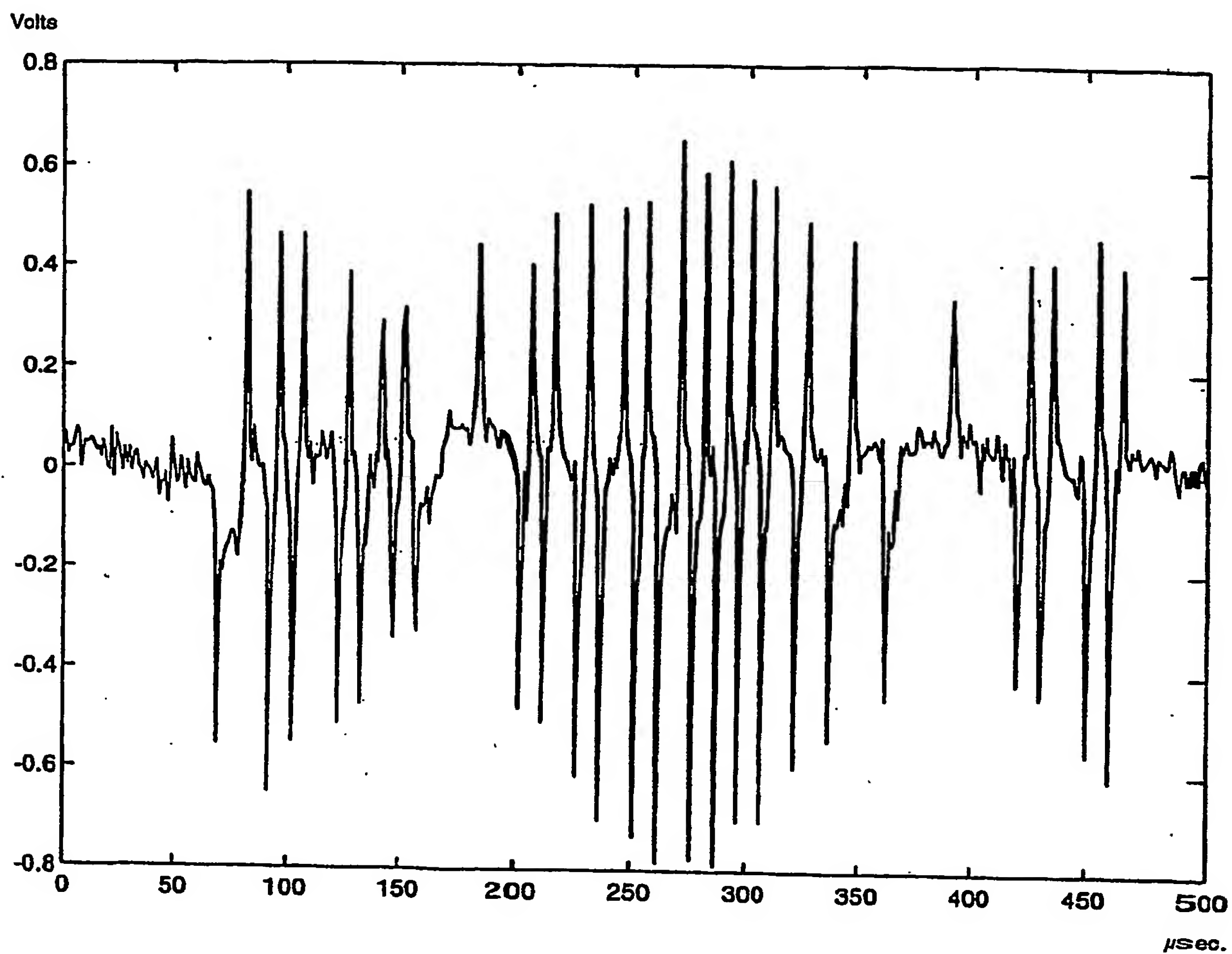


Figure 11

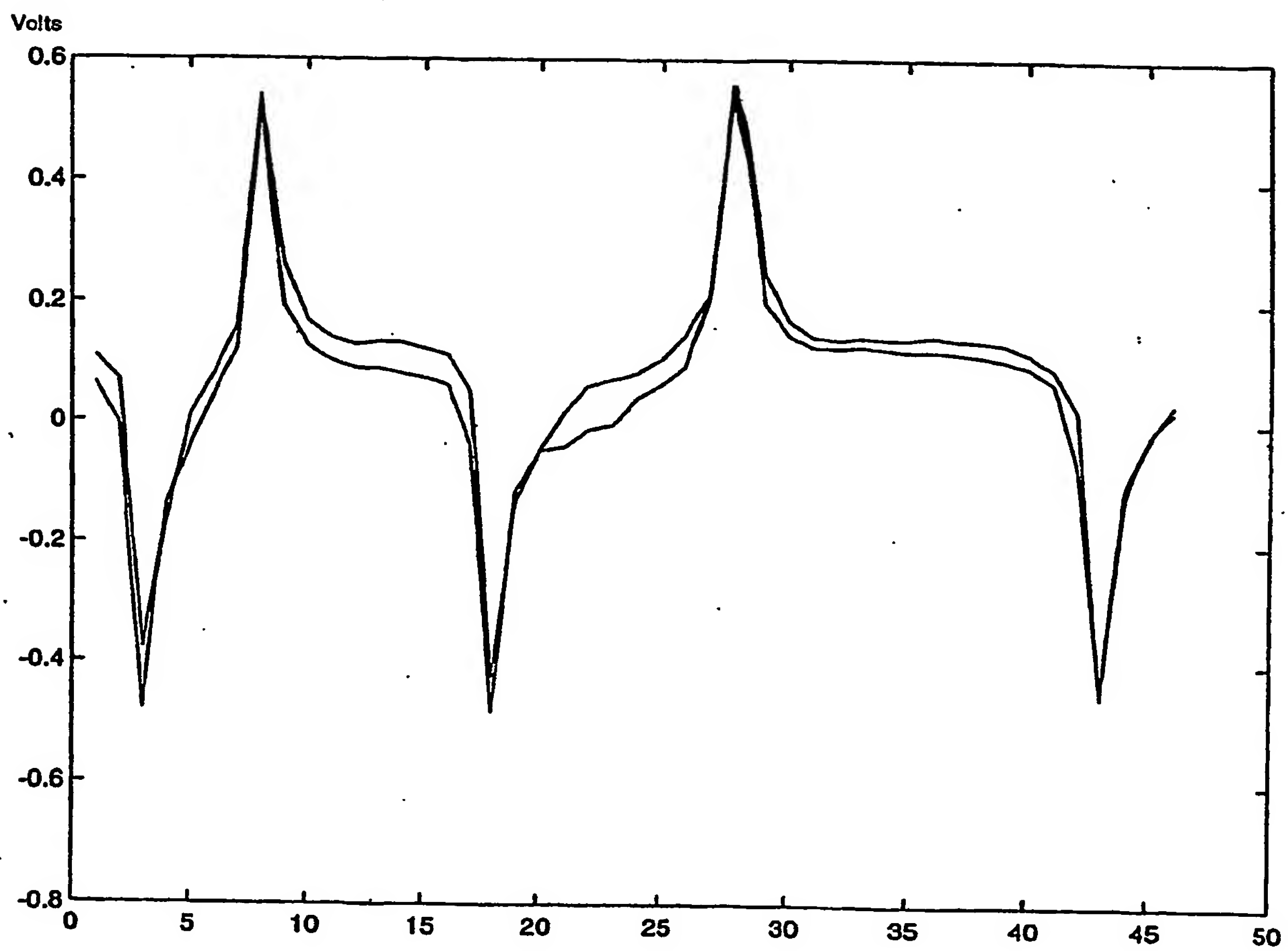


Figure 12

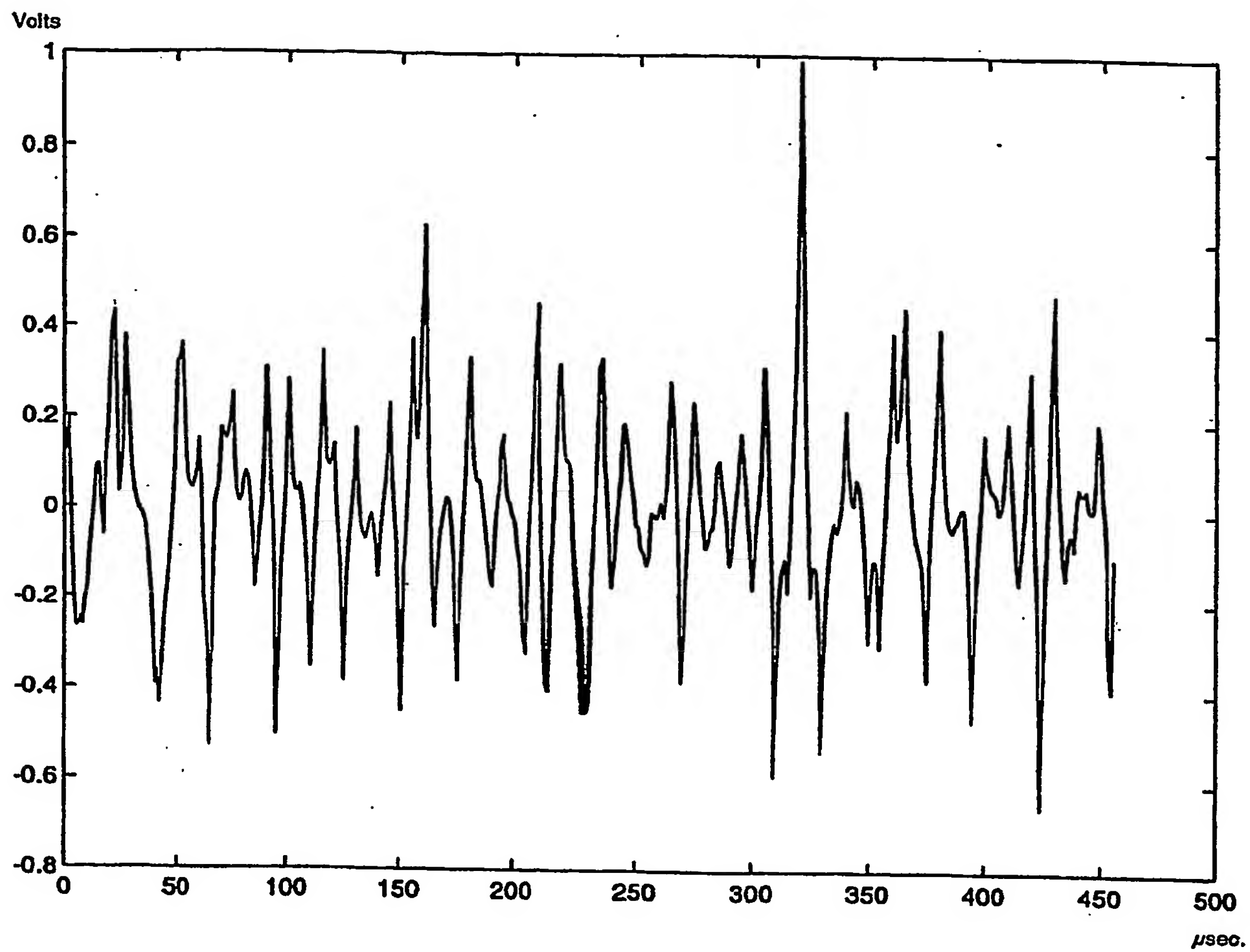


Figure 13

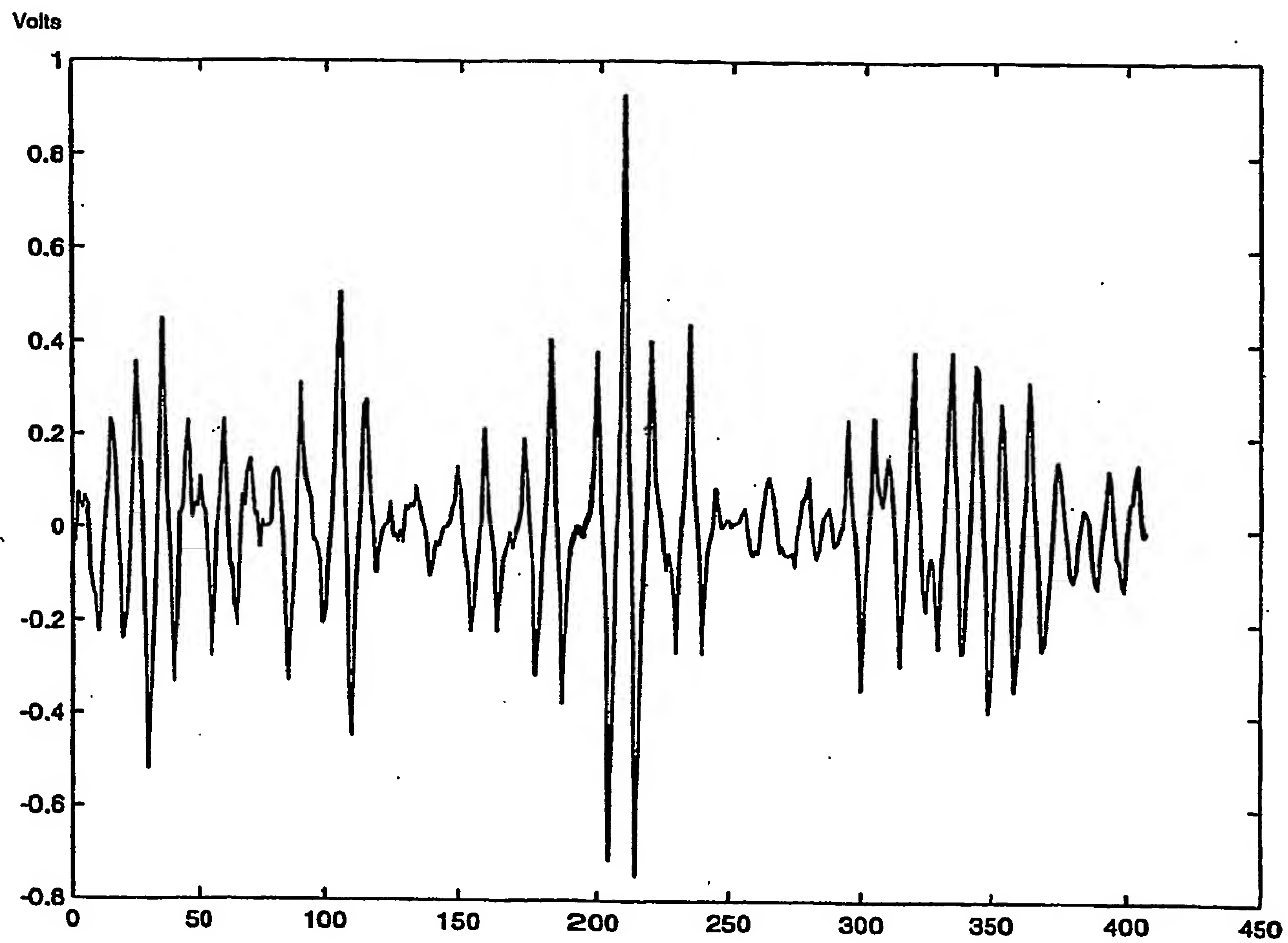


Figure 14

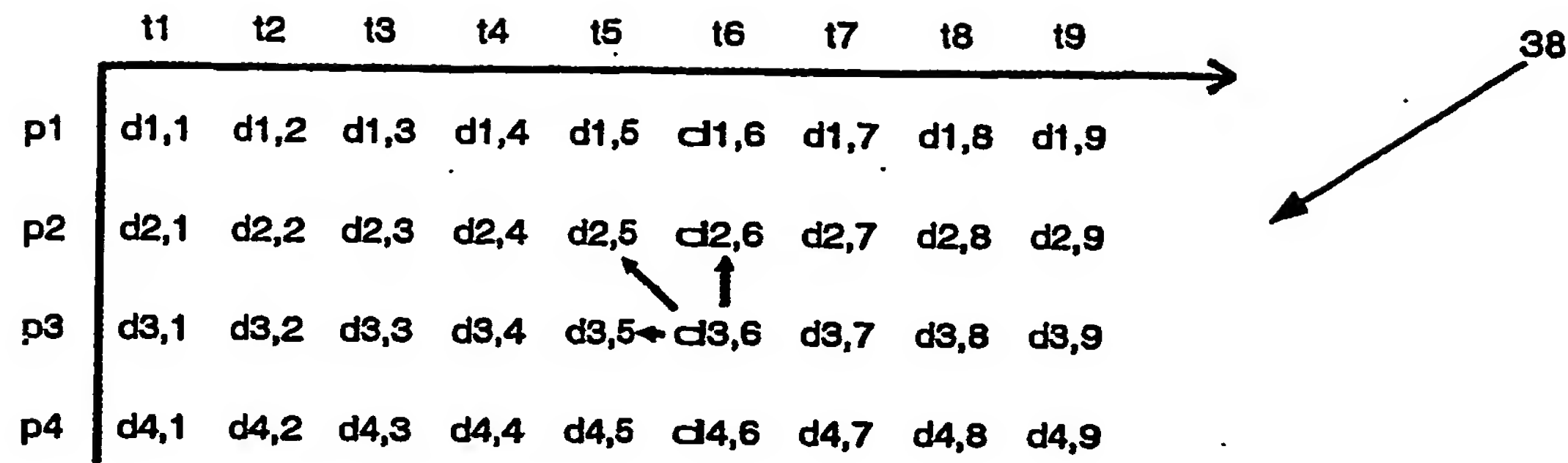


Figure 15

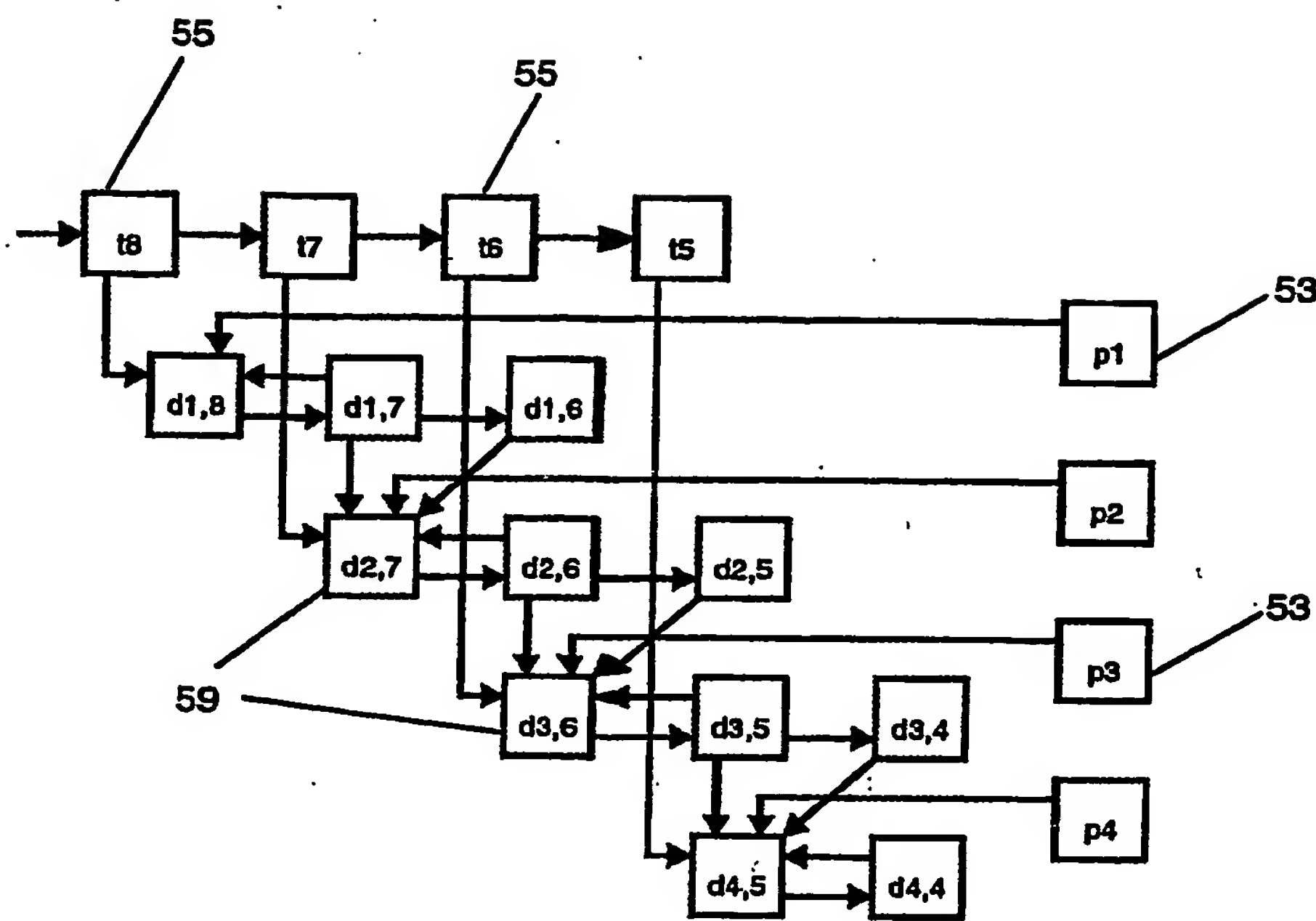


Figure 16

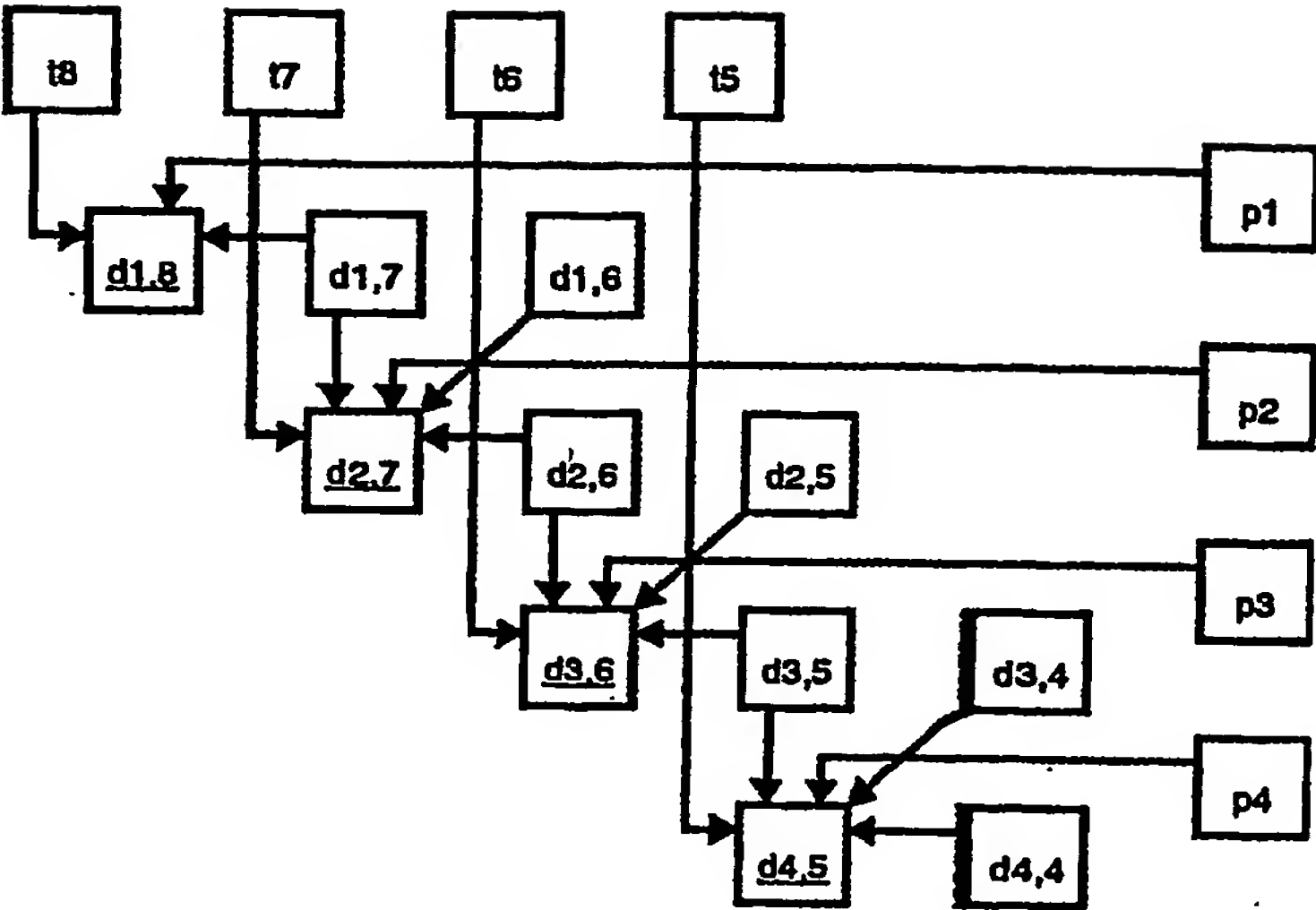


Figure 17

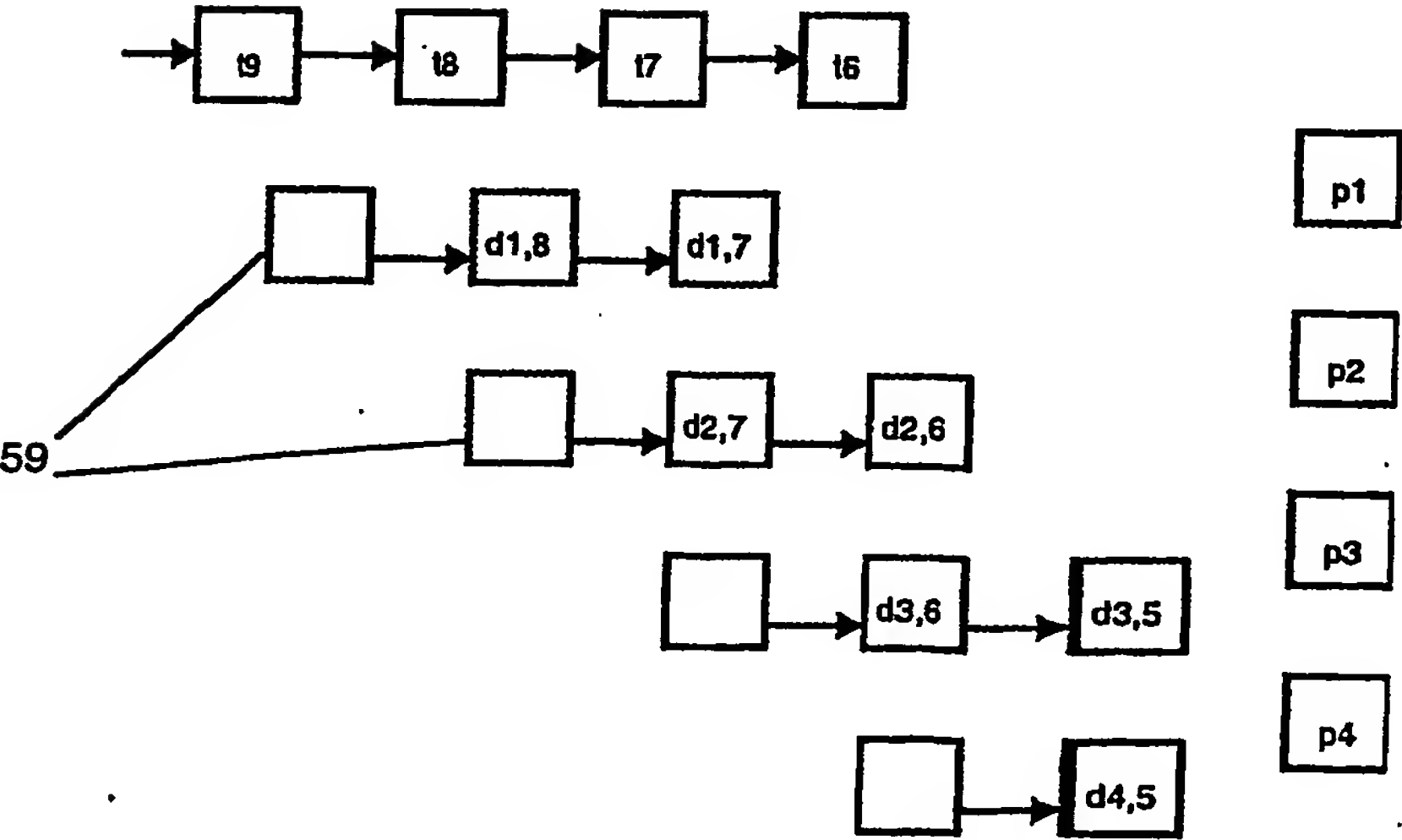


Figure 18



	p	q	r	a	x	a	b	c	s	t	v	q	...
a	-1	-1	-1	2	1	2	1	0	-1	-1	-1	-1	
x	-1	-2	-2	1	4	3	2	1	0	-1	-2	-2	
b	-1	-2	-3	0	3	2	5	4	3	2	1	0	
a	-1	-2	-3	-1	2	1	4	3	2	1	0	-1	
c	-1	-2	-3	-2	1	0	3	6	5	4	3	2	
s	-1	-2	-3	-3	0	-1	2	5	<u>8</u>	7	6	5	

Figure 19

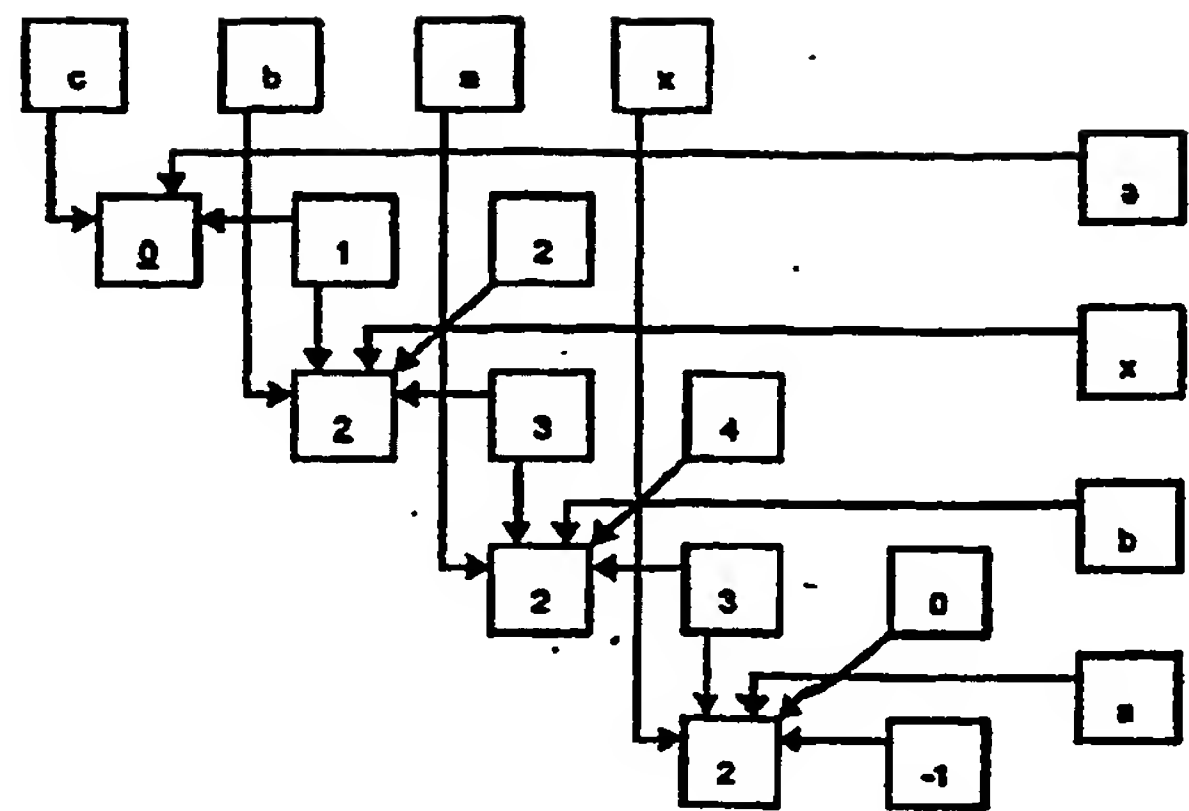


Figure 20

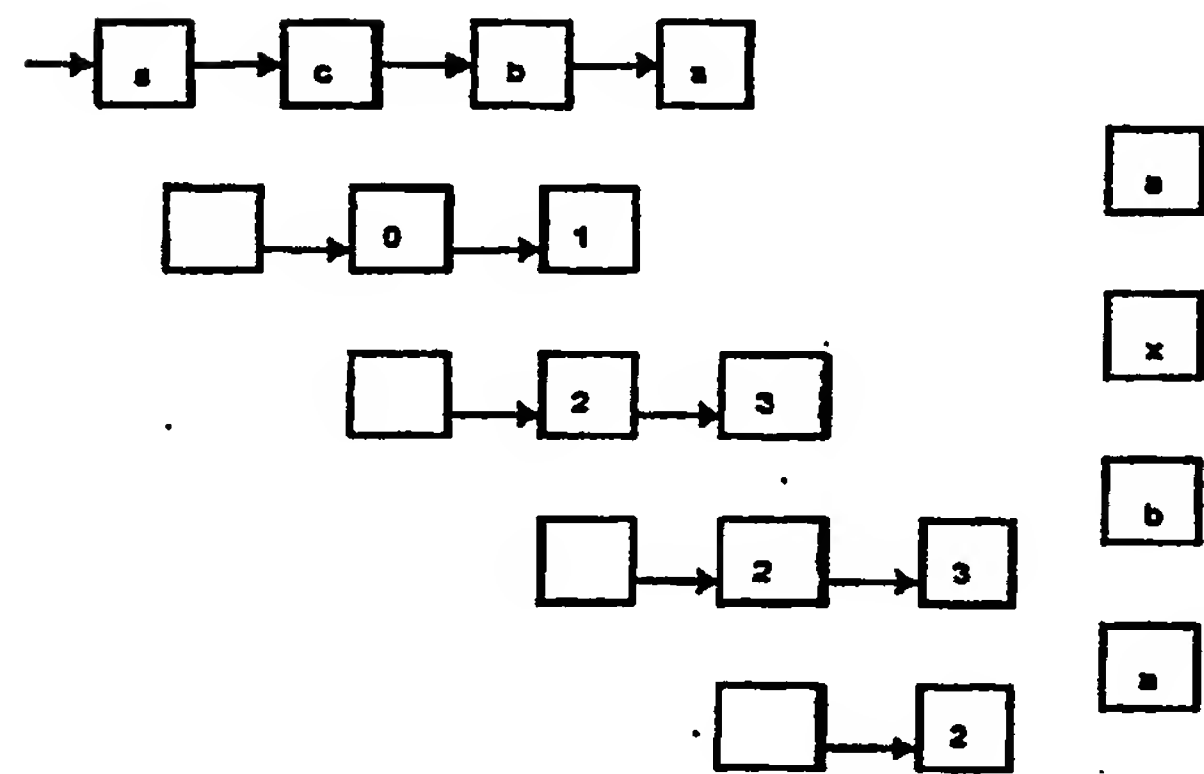


Figure 21

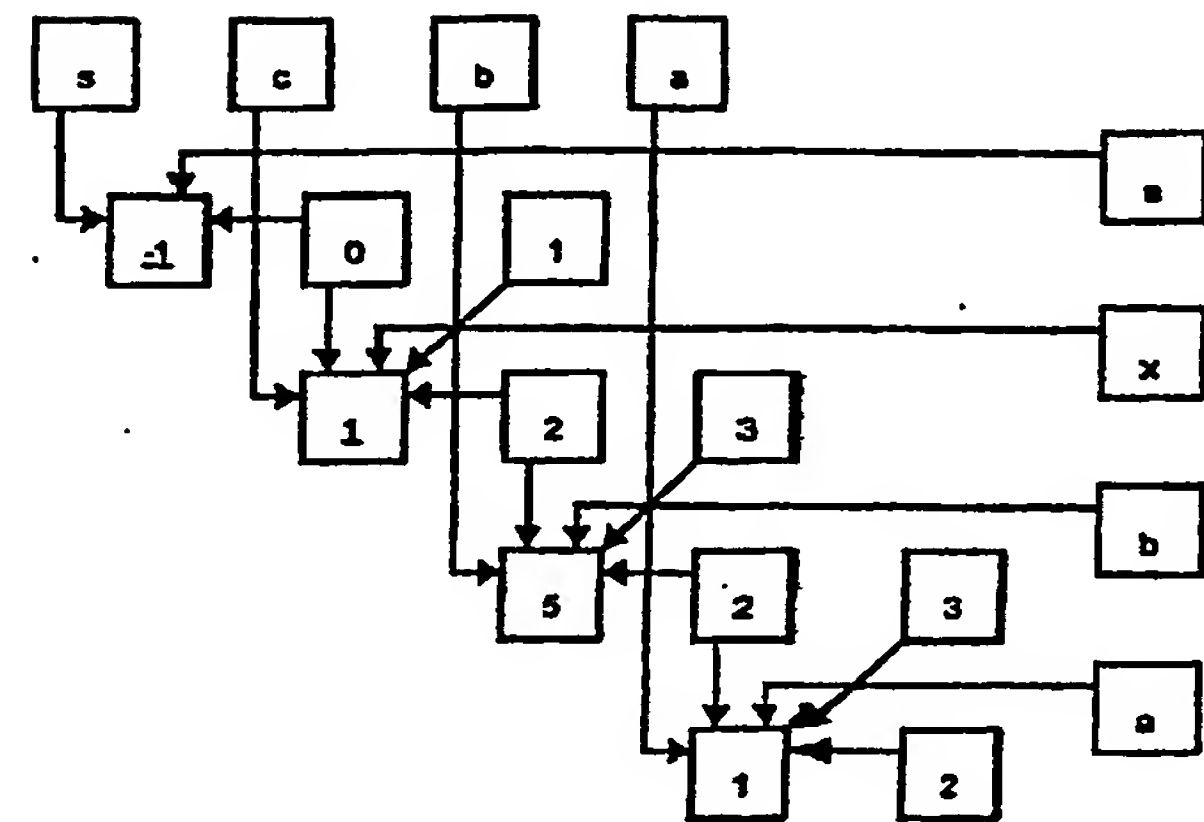


Figure 22

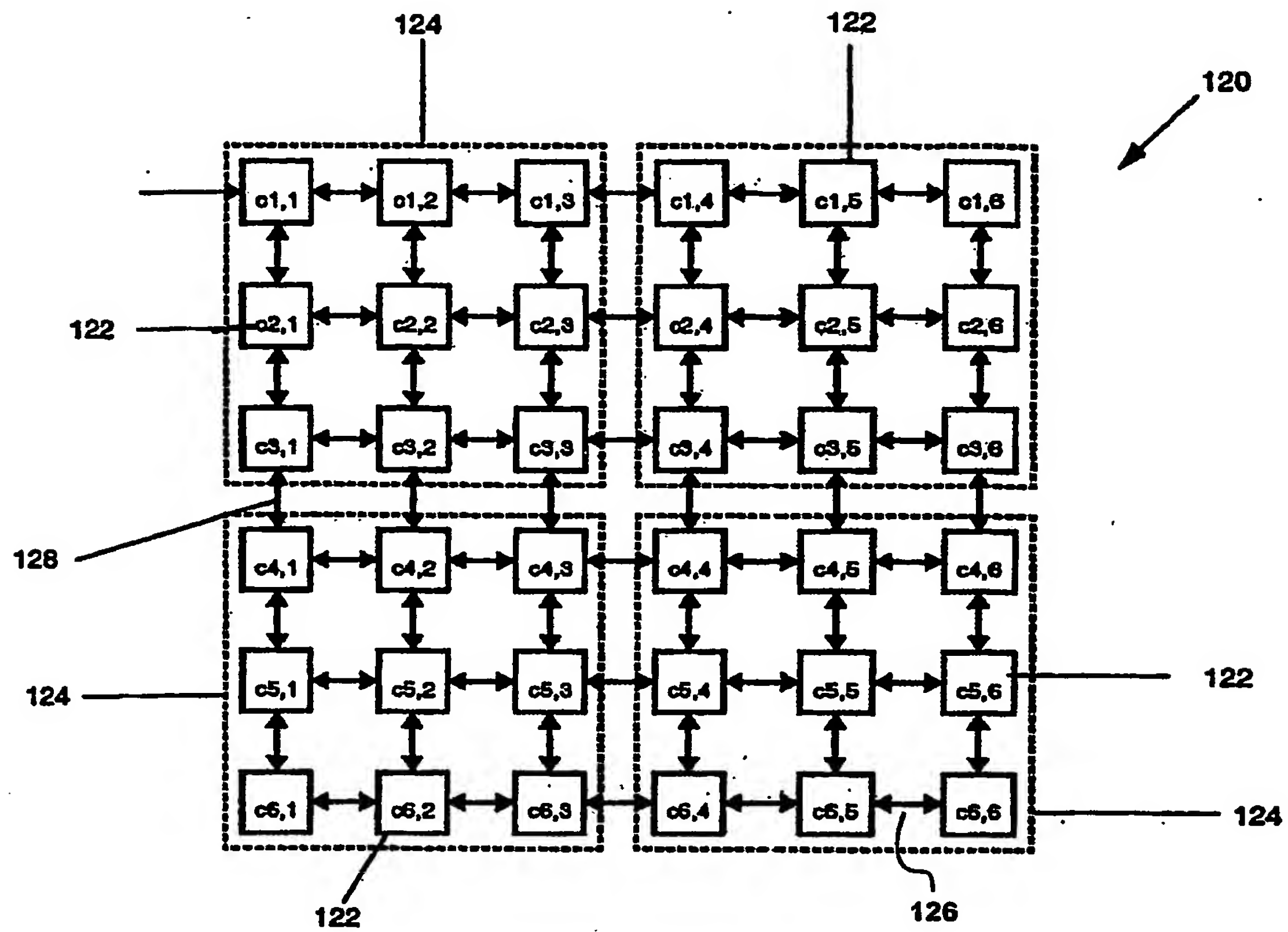


Figure 23

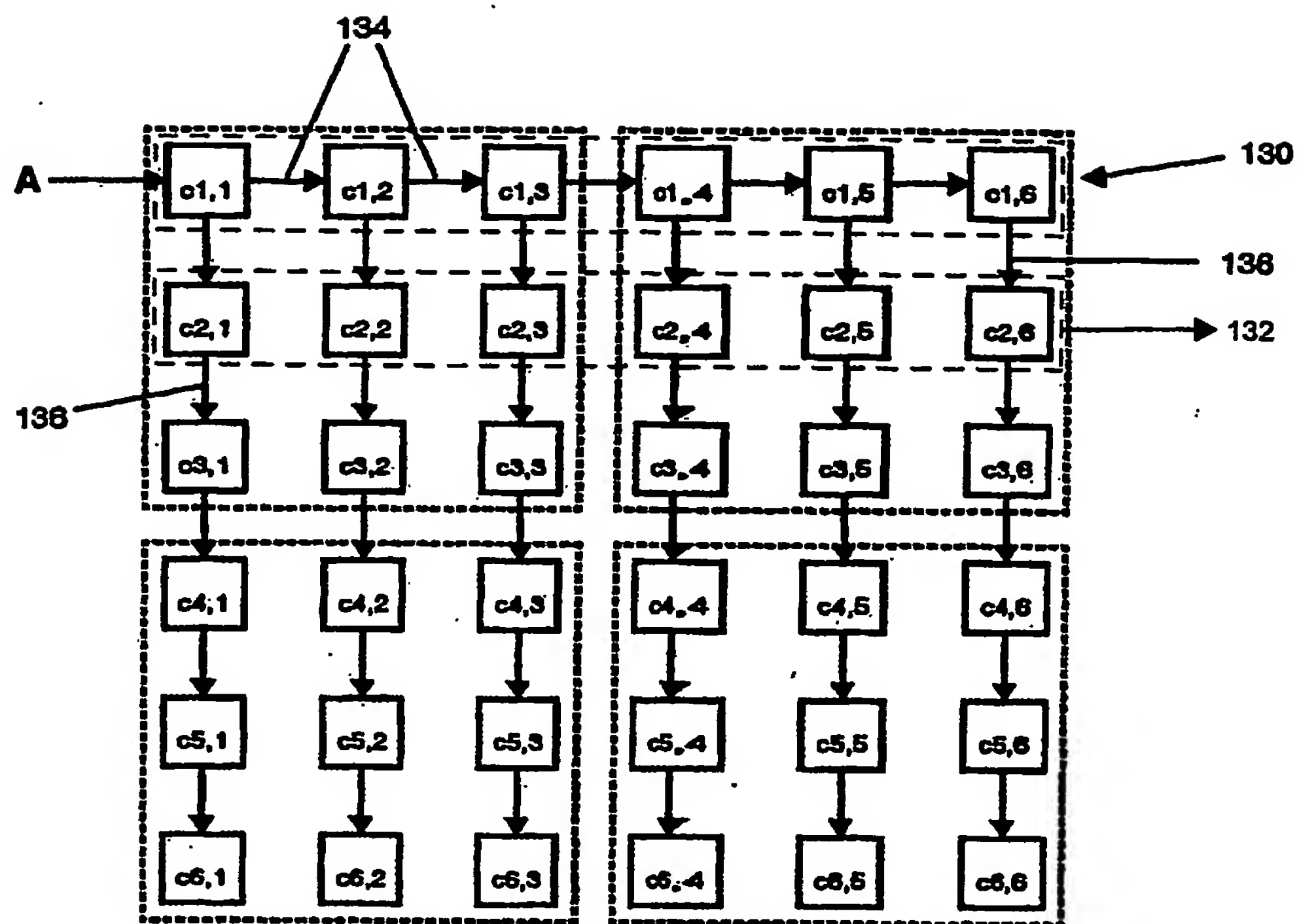


Figure 24

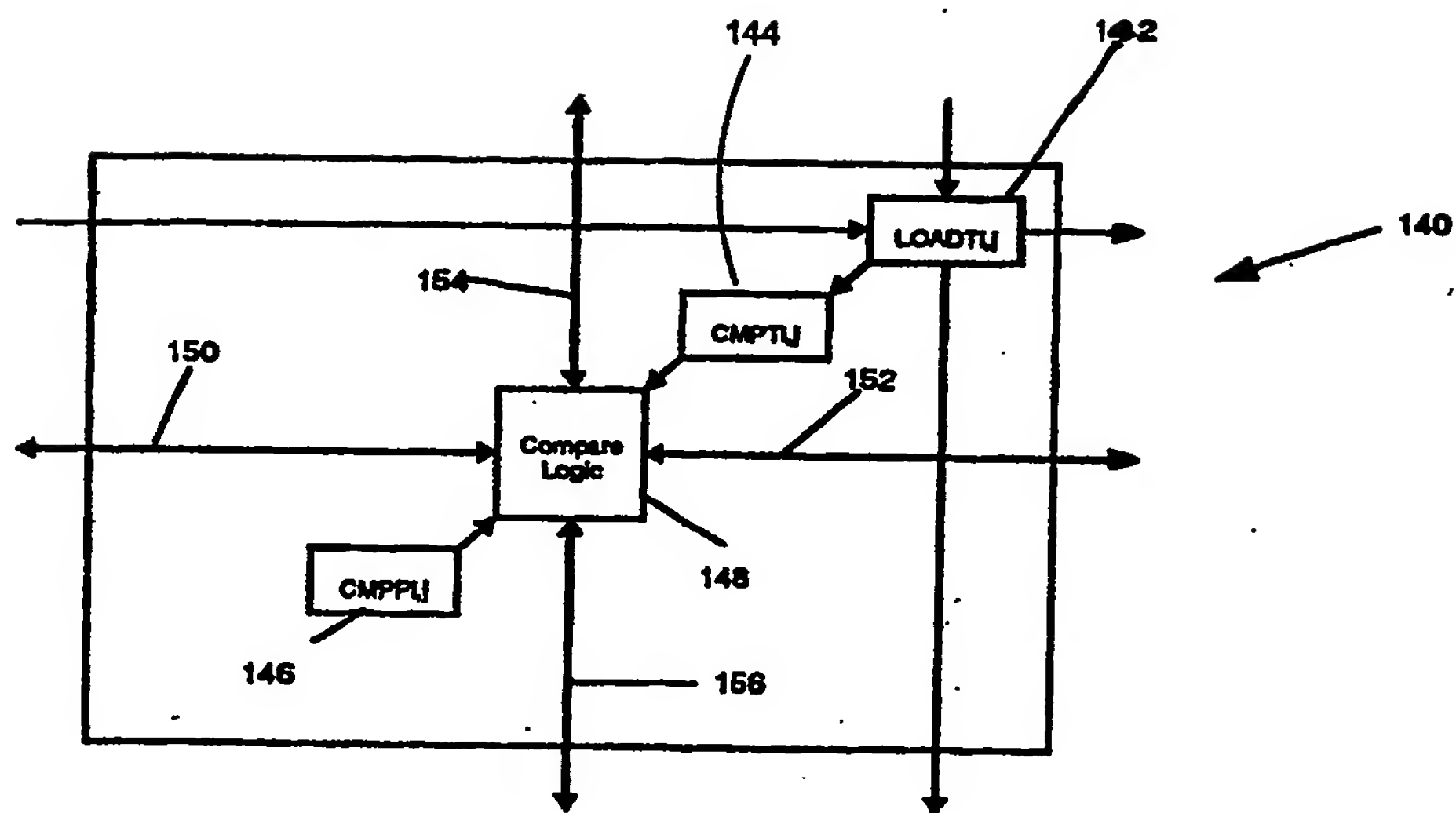


Figure 25

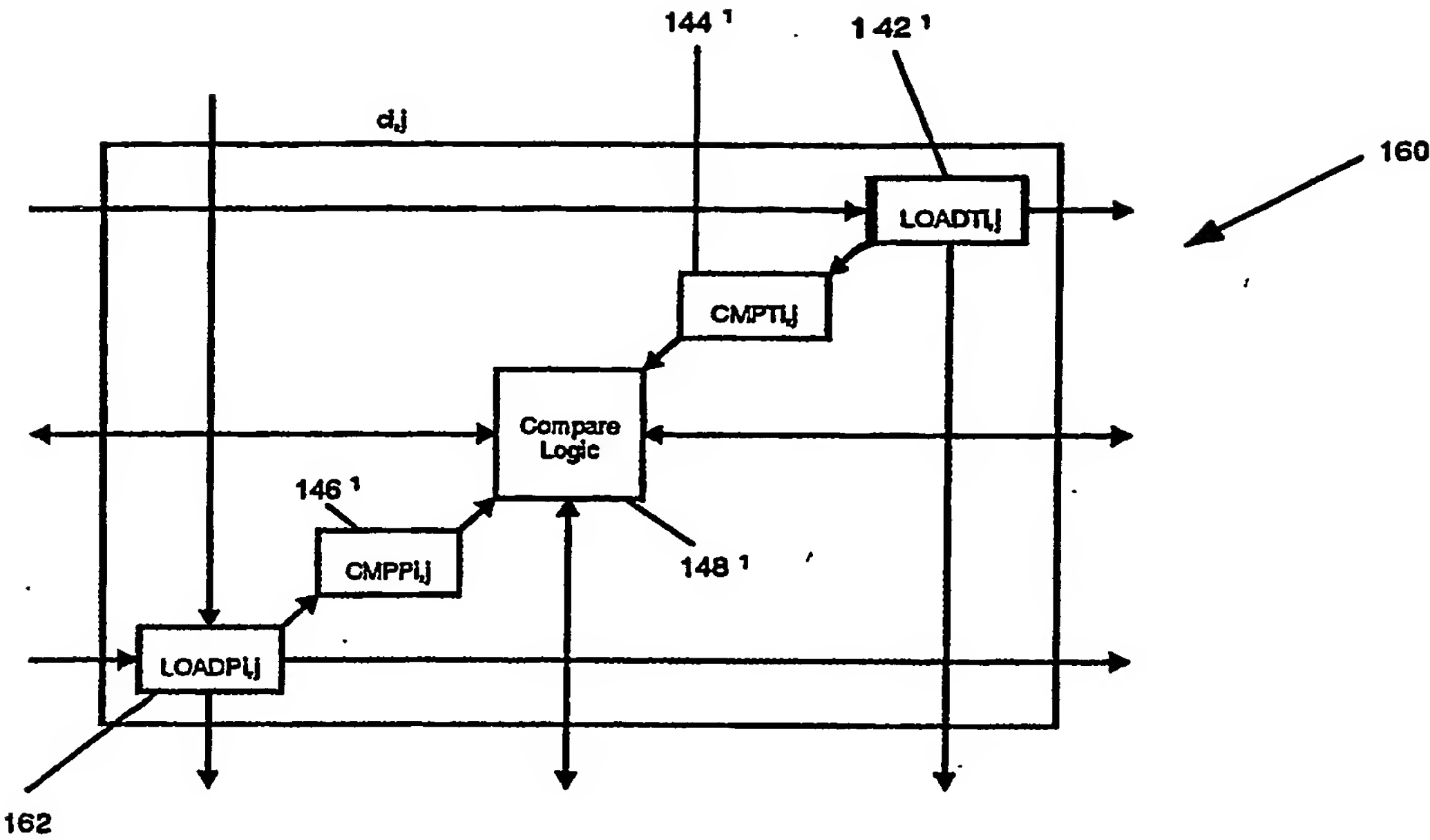


Figure 26

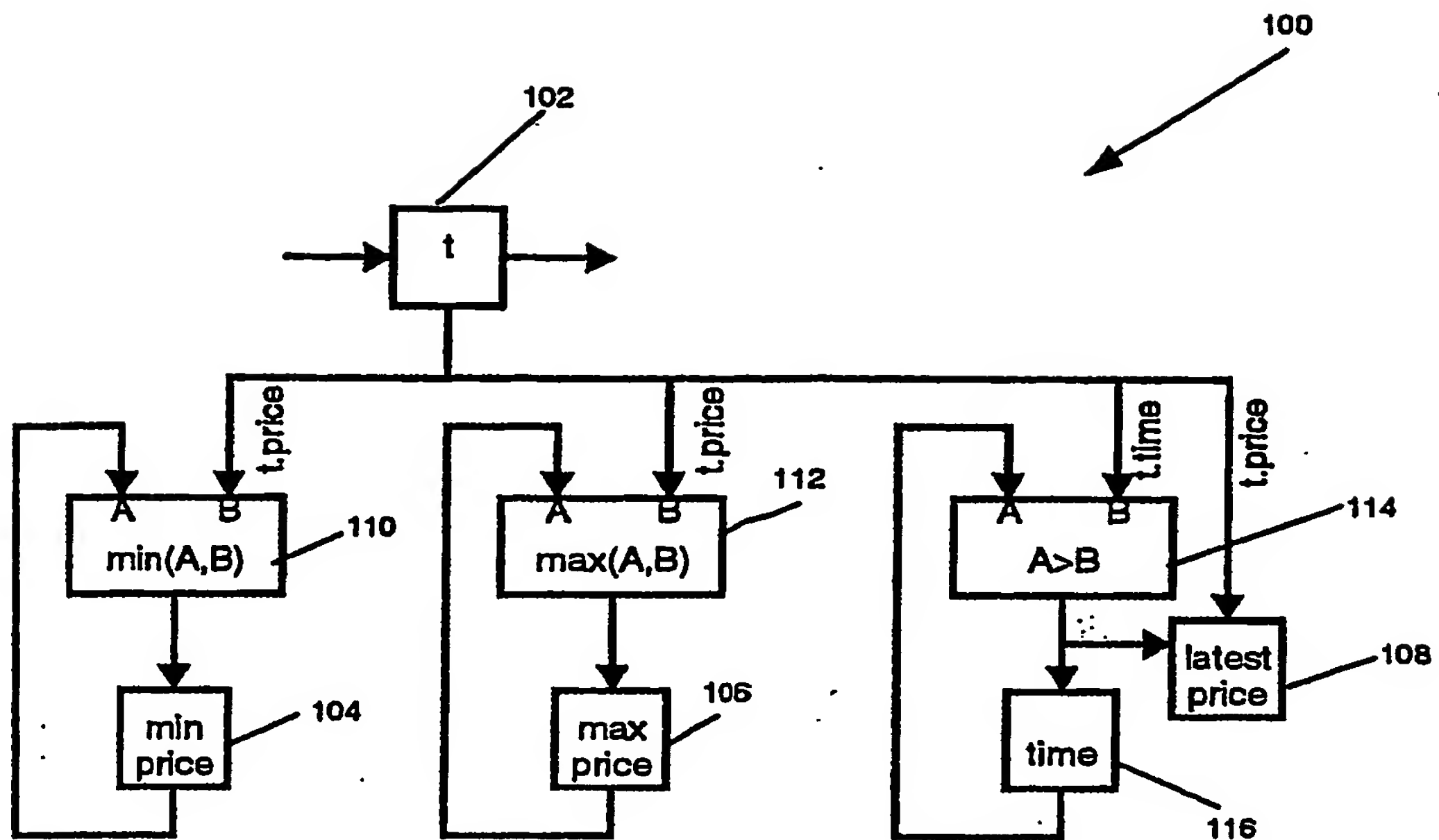


Figure 27

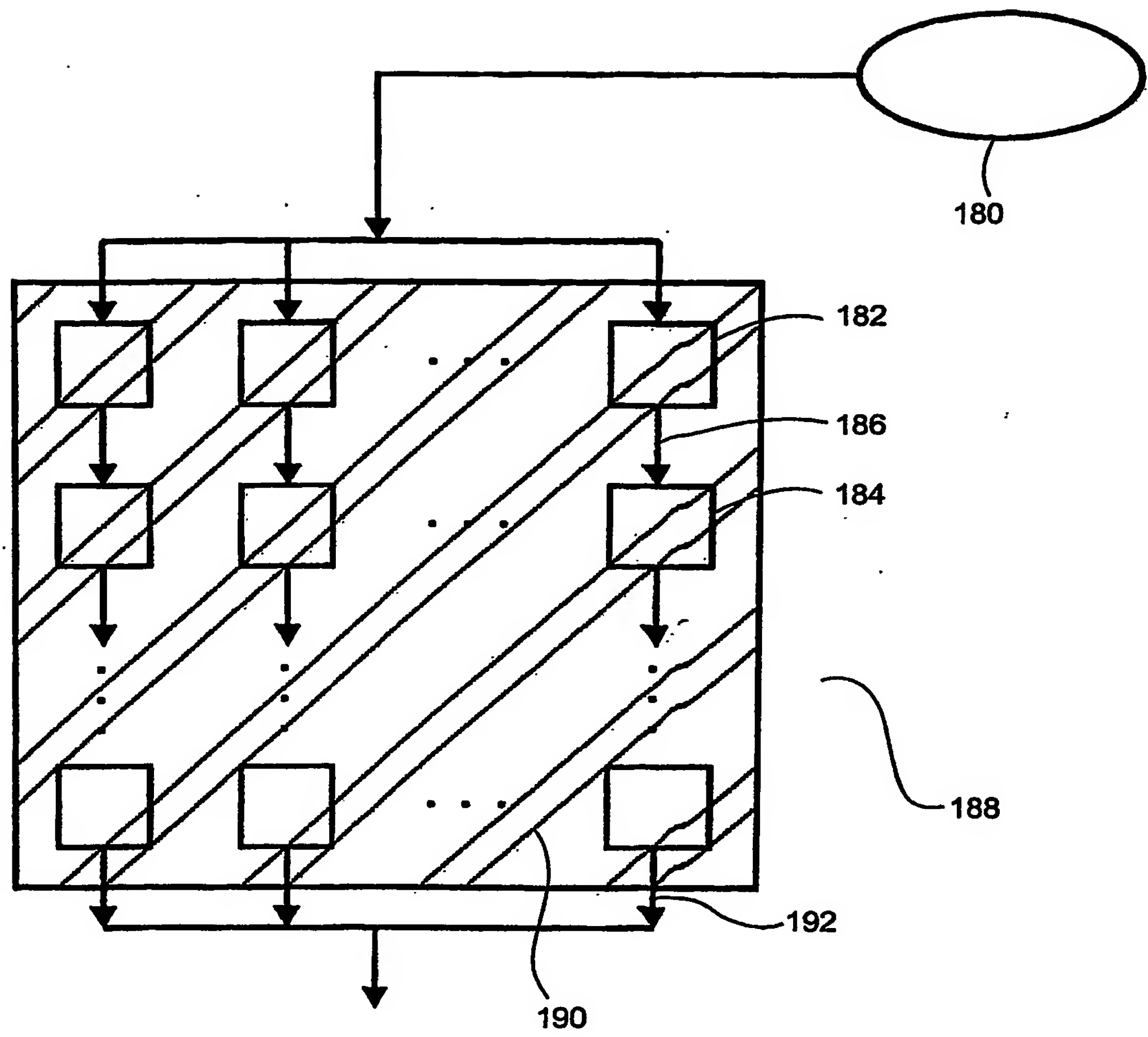


Fig. 28



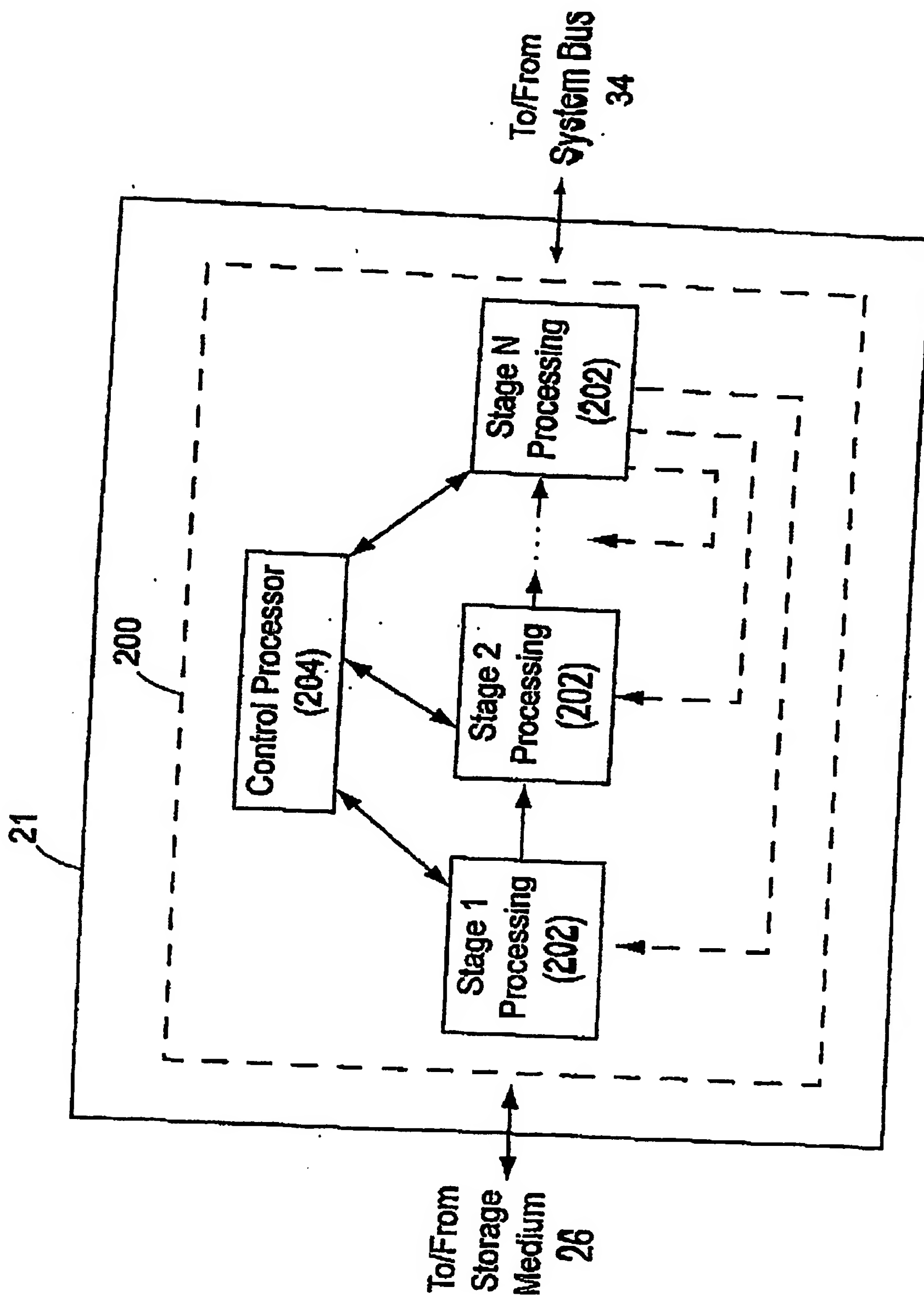


Figure 29

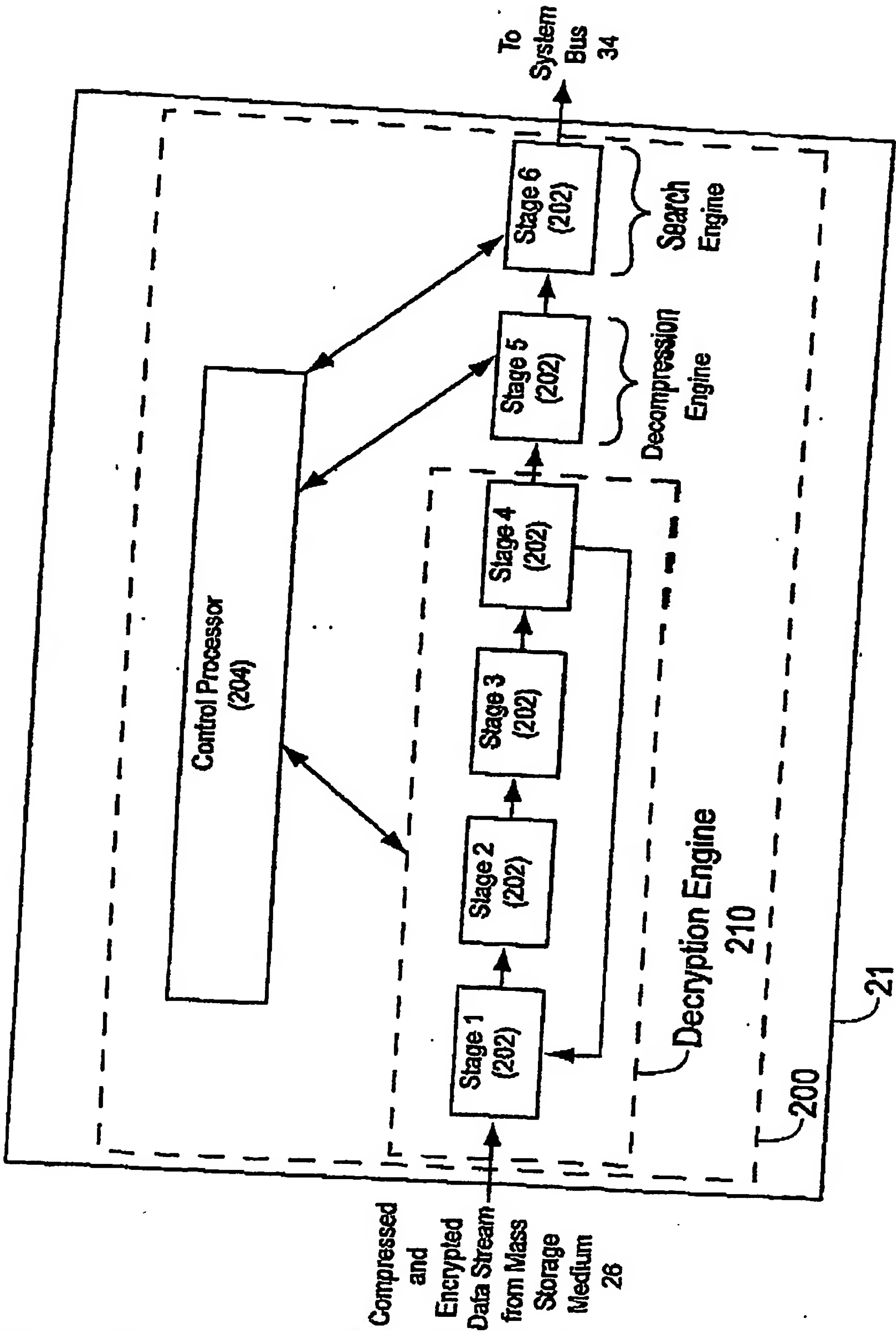


Figure 30

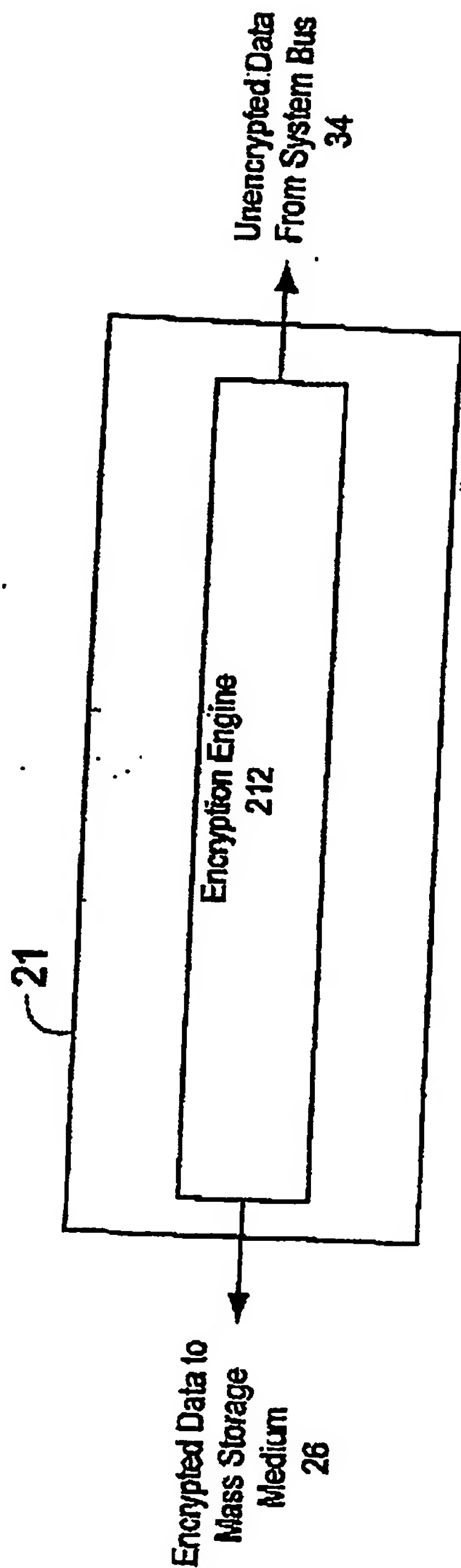


Figure 31

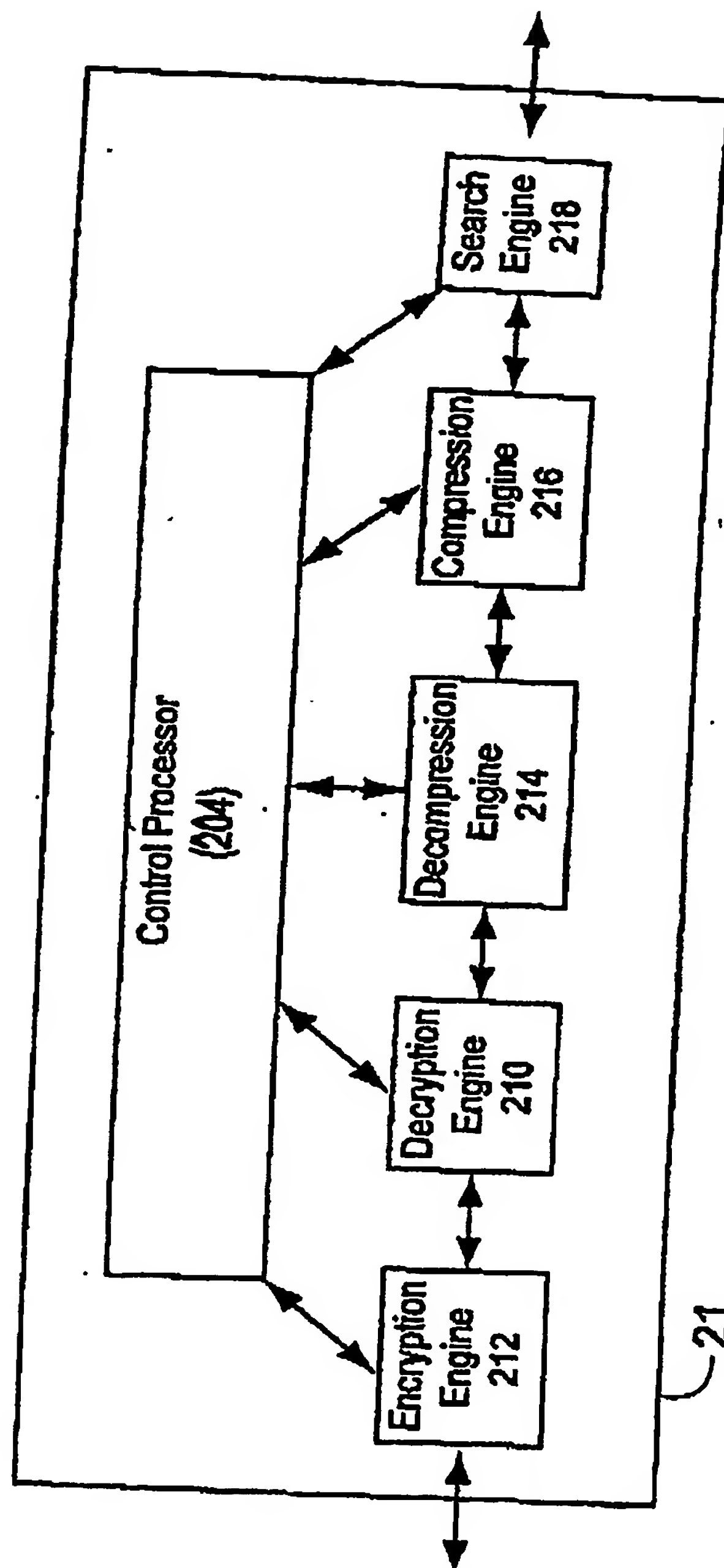


Figure 32

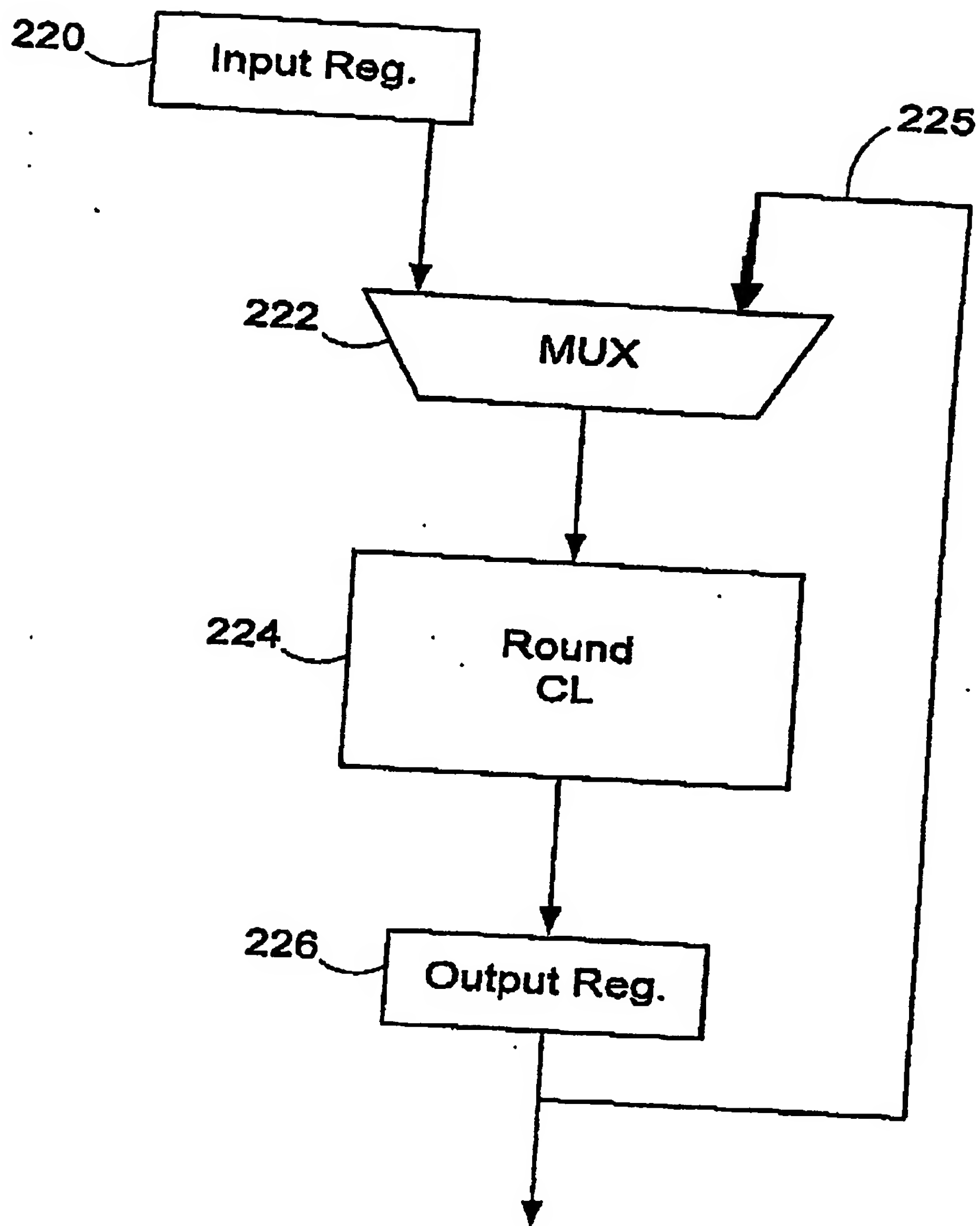


Figure 33

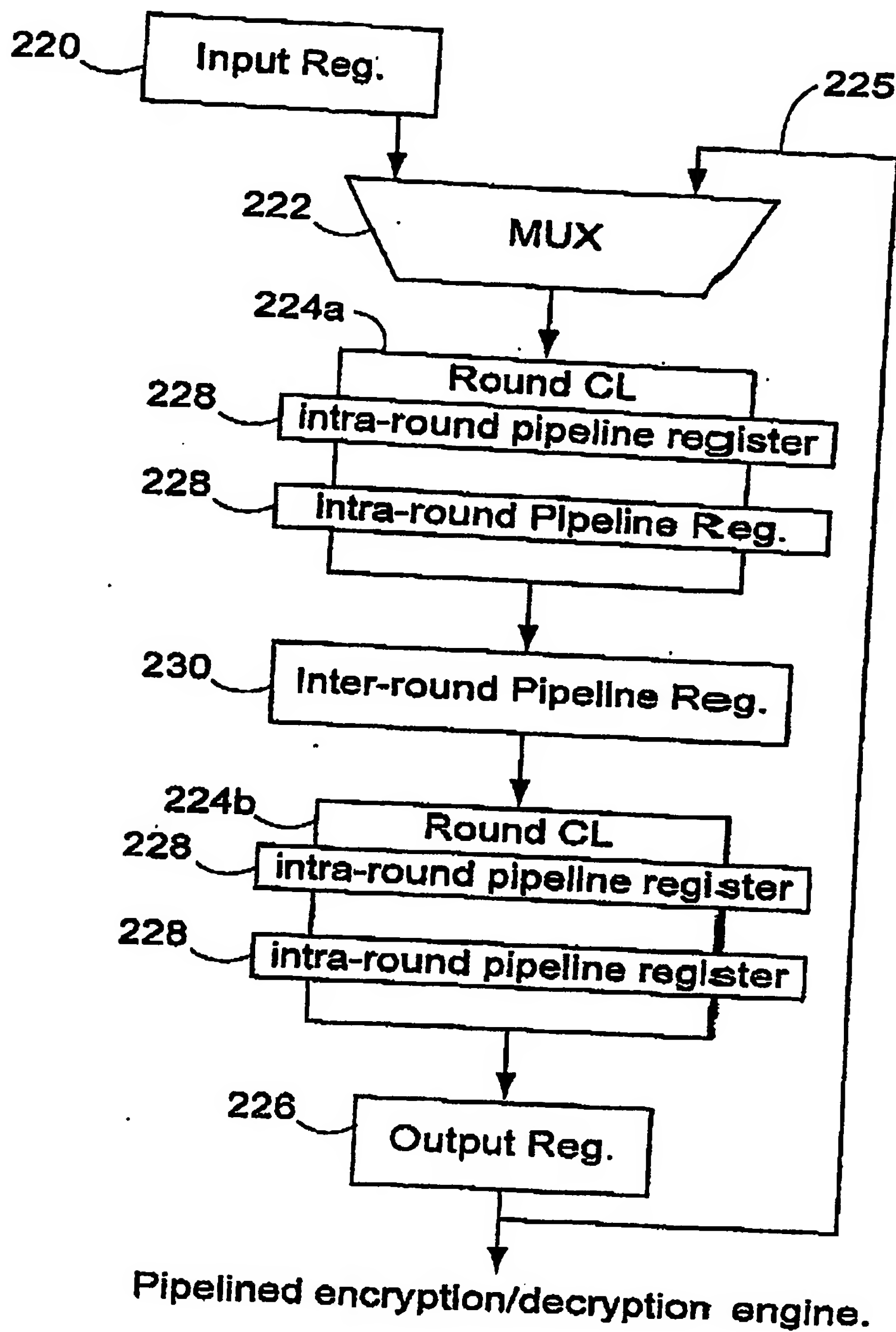


Figure 34

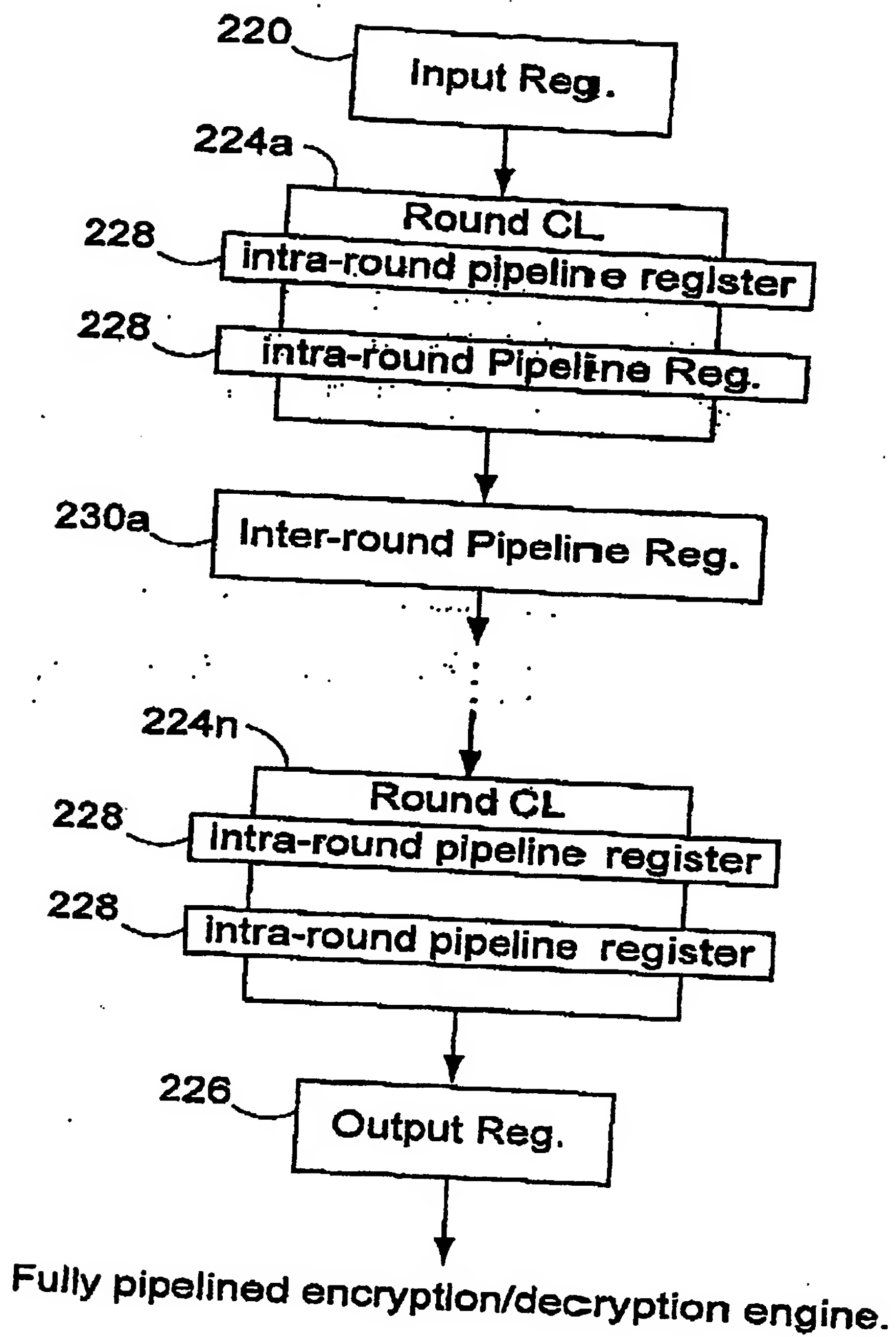


Figure 35

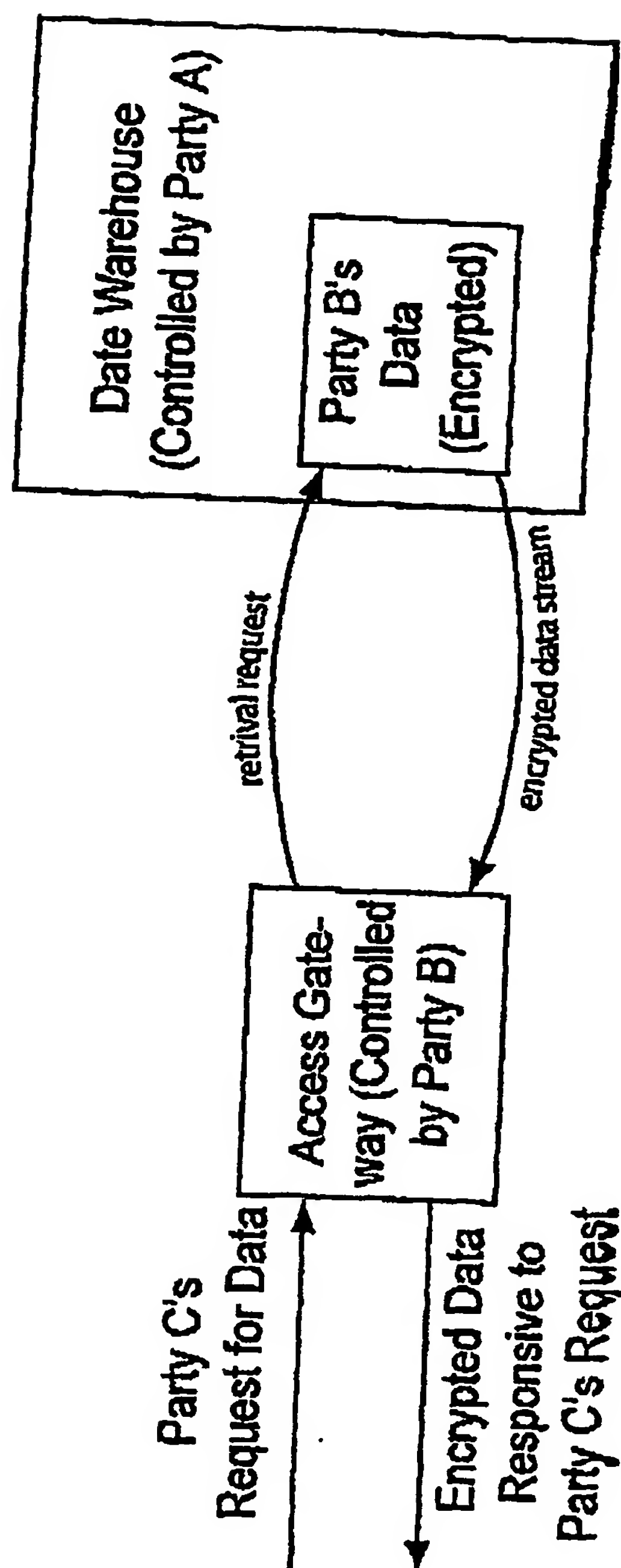


Figure 36

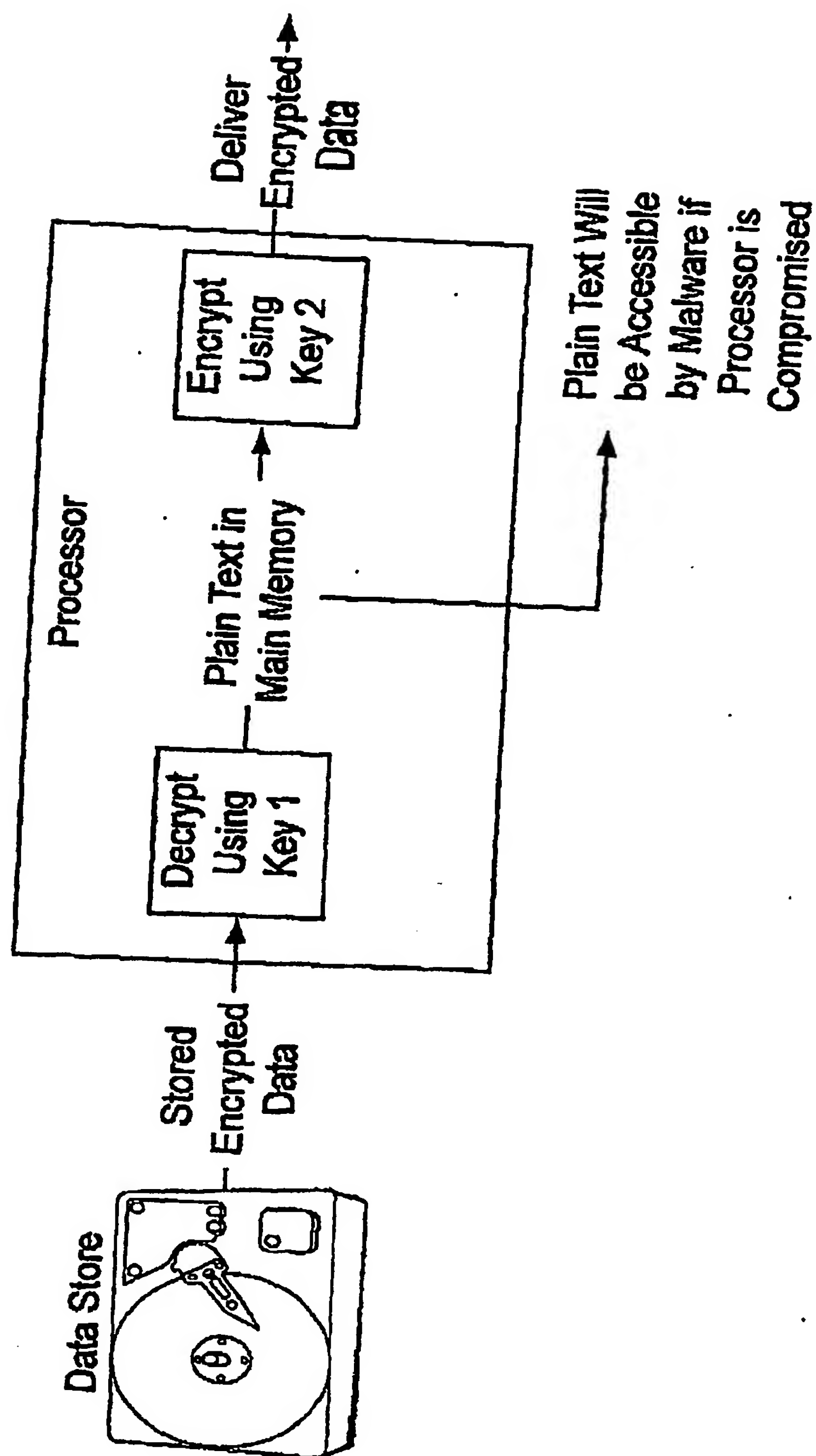


Figure 37



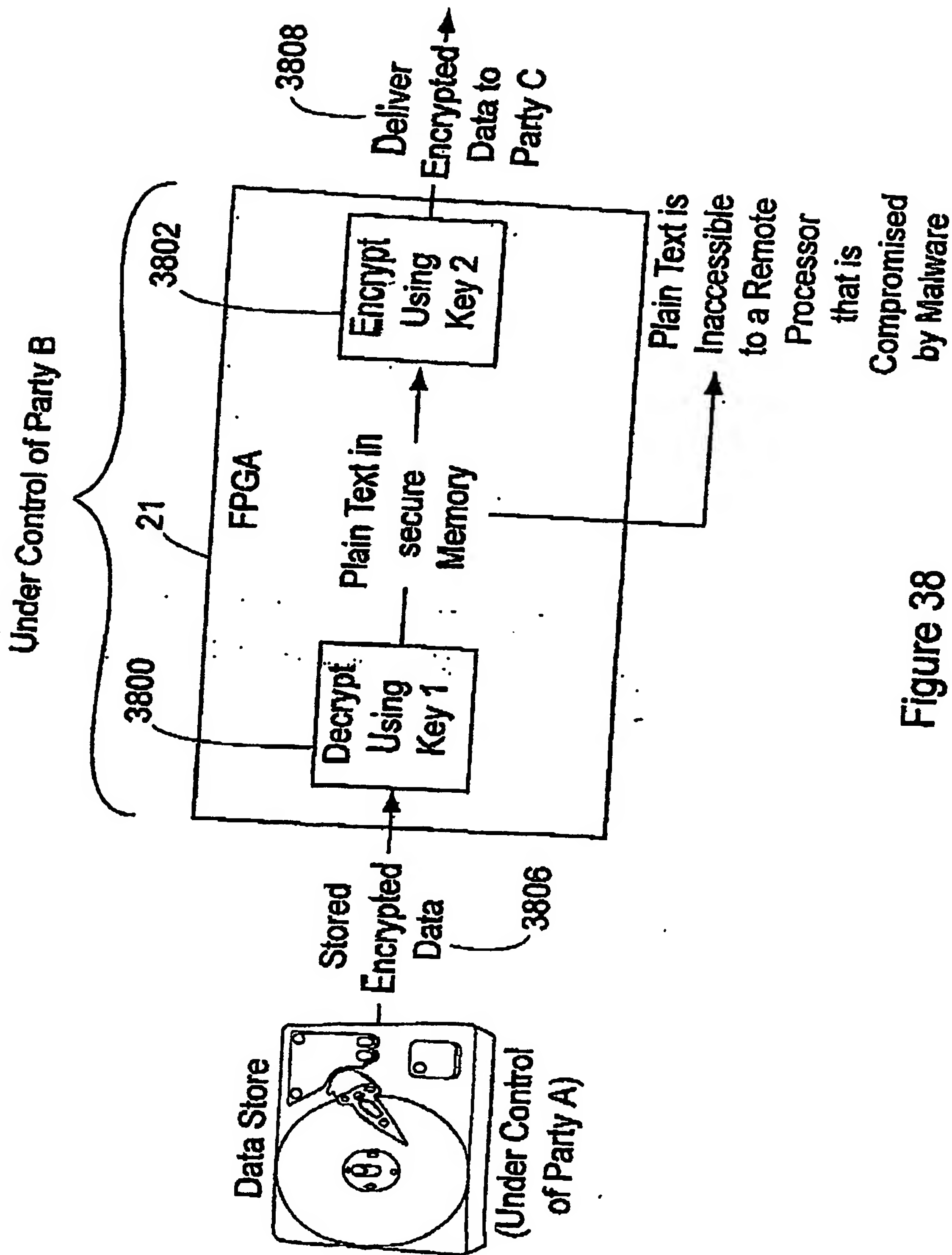


Figure 38

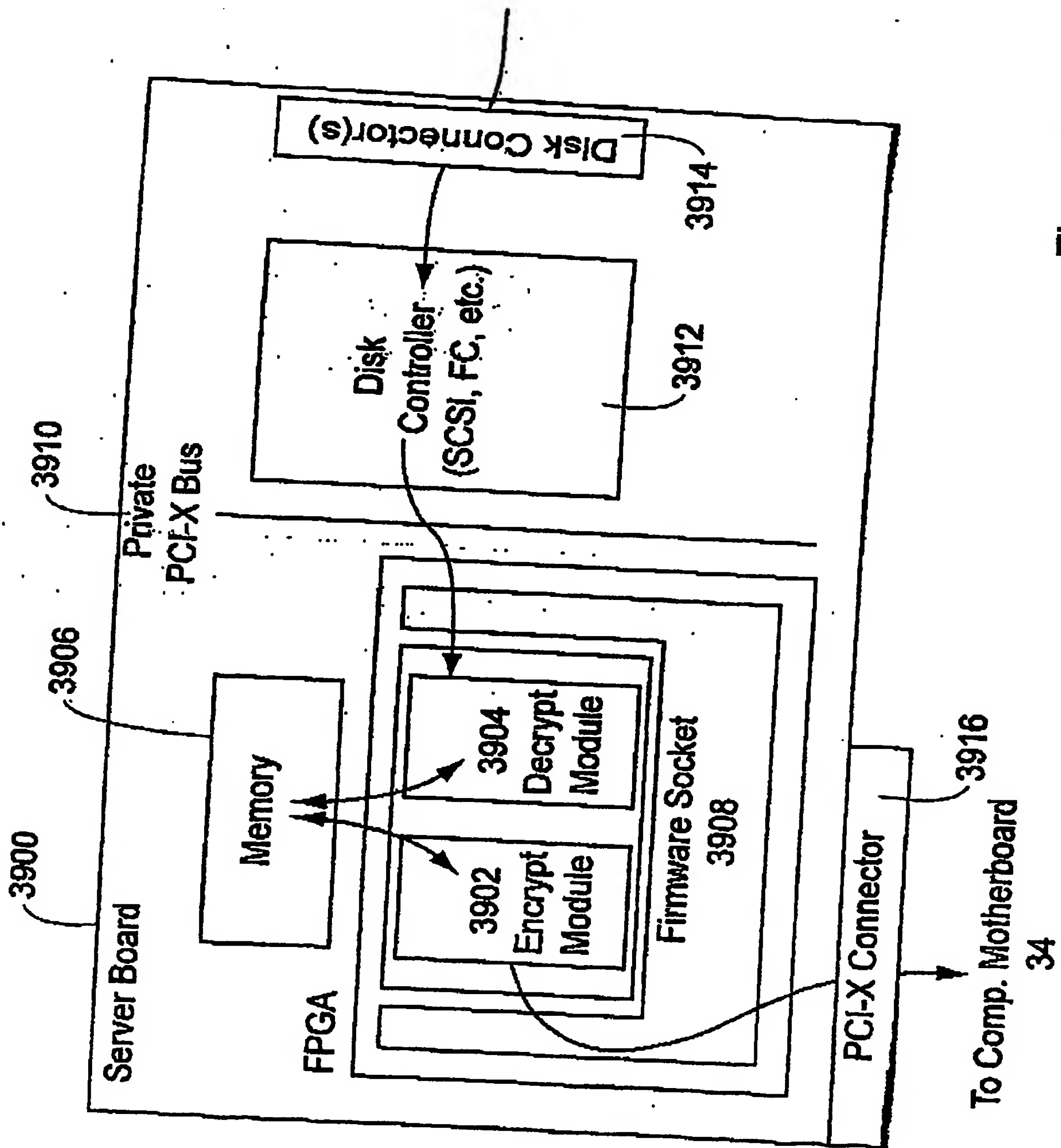


Figure 39(a)

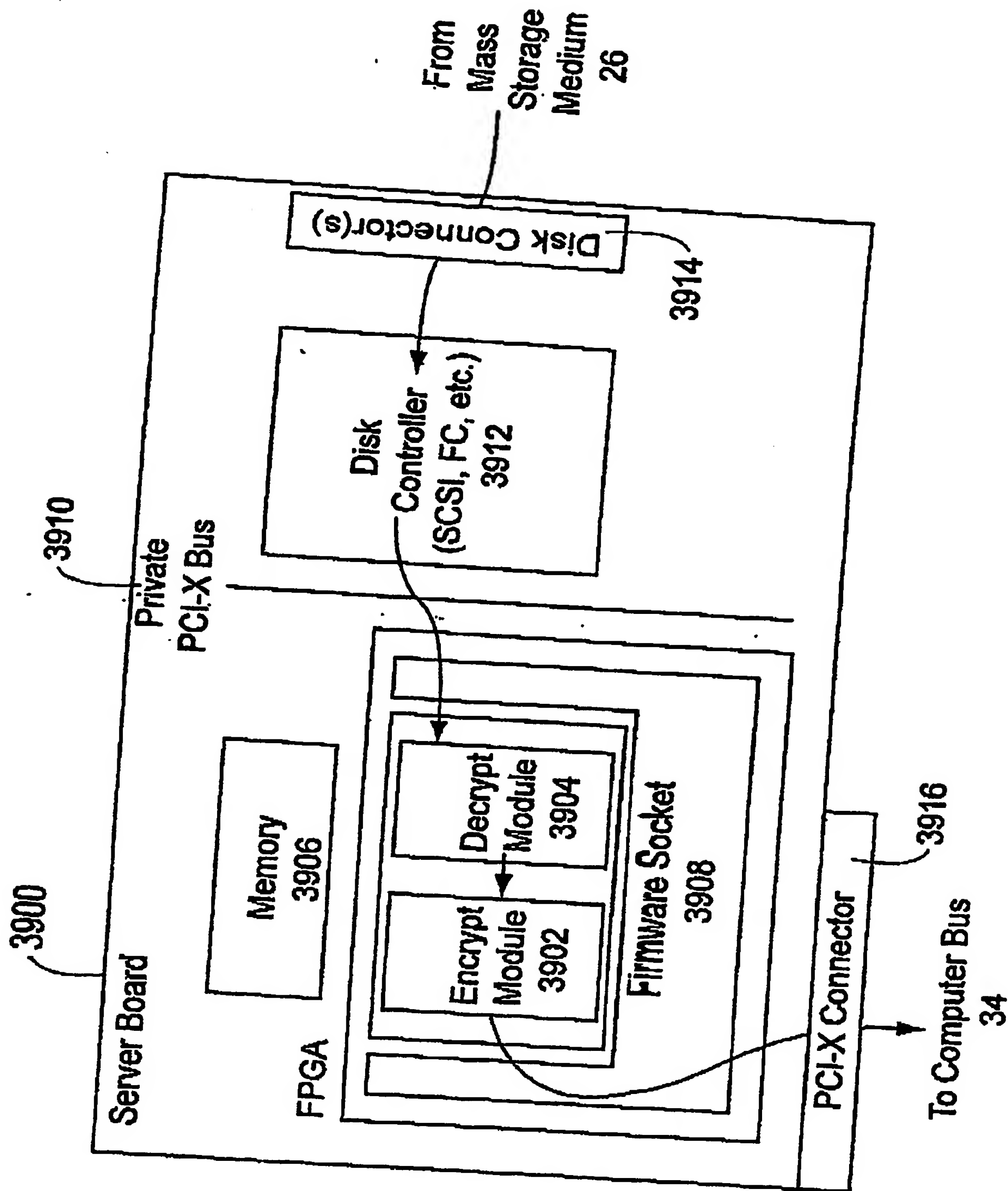


Figure 39(b)

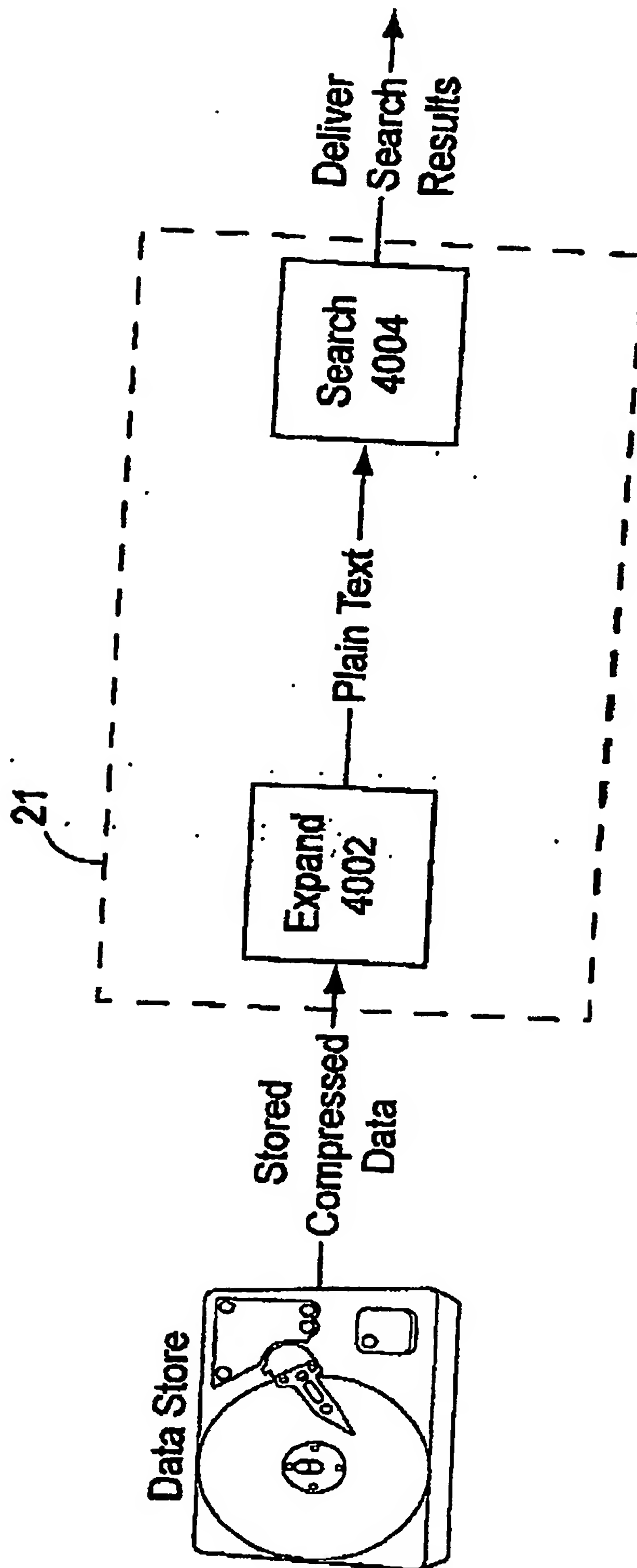


Figure 40

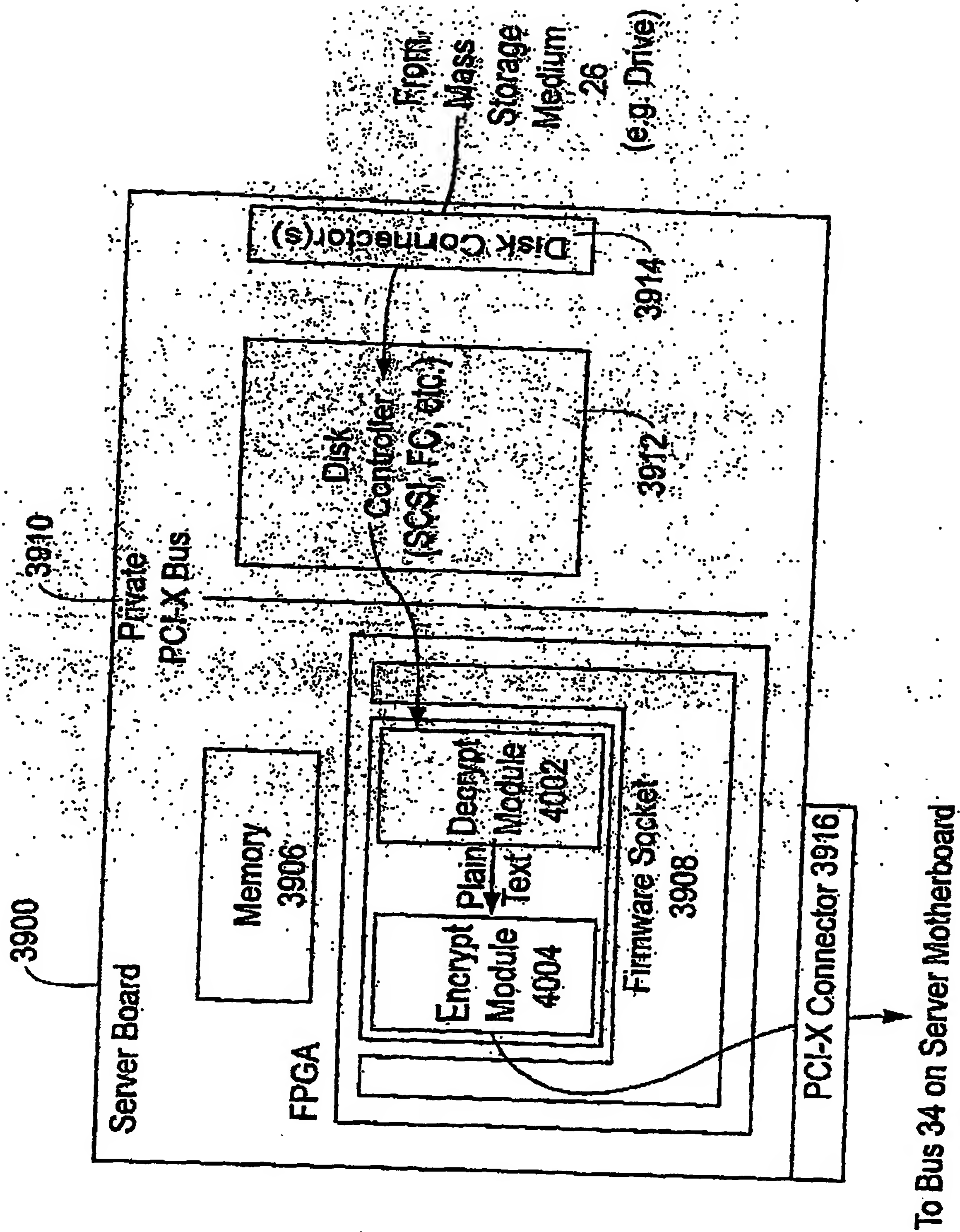


Figure 41

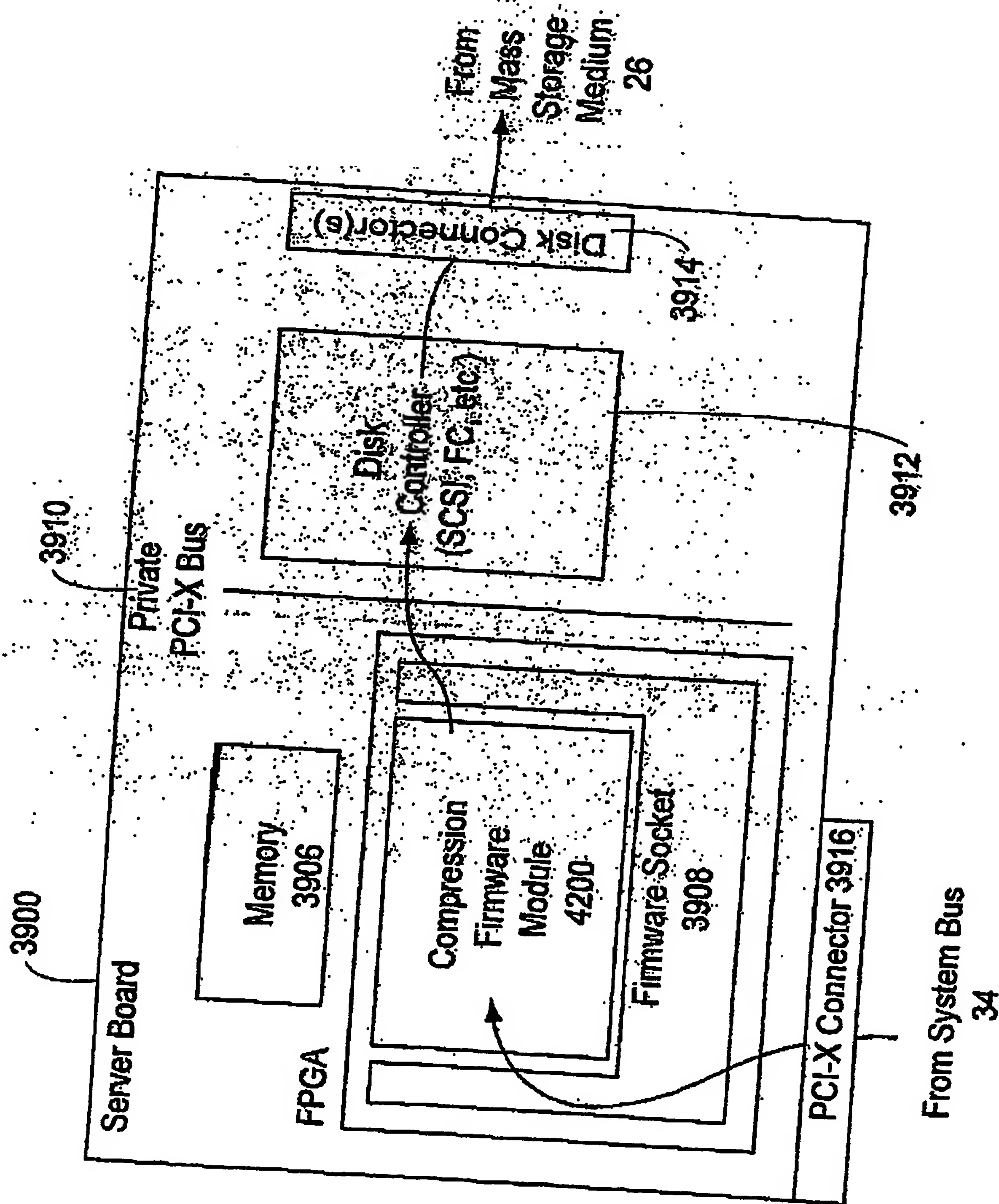


Figure 42

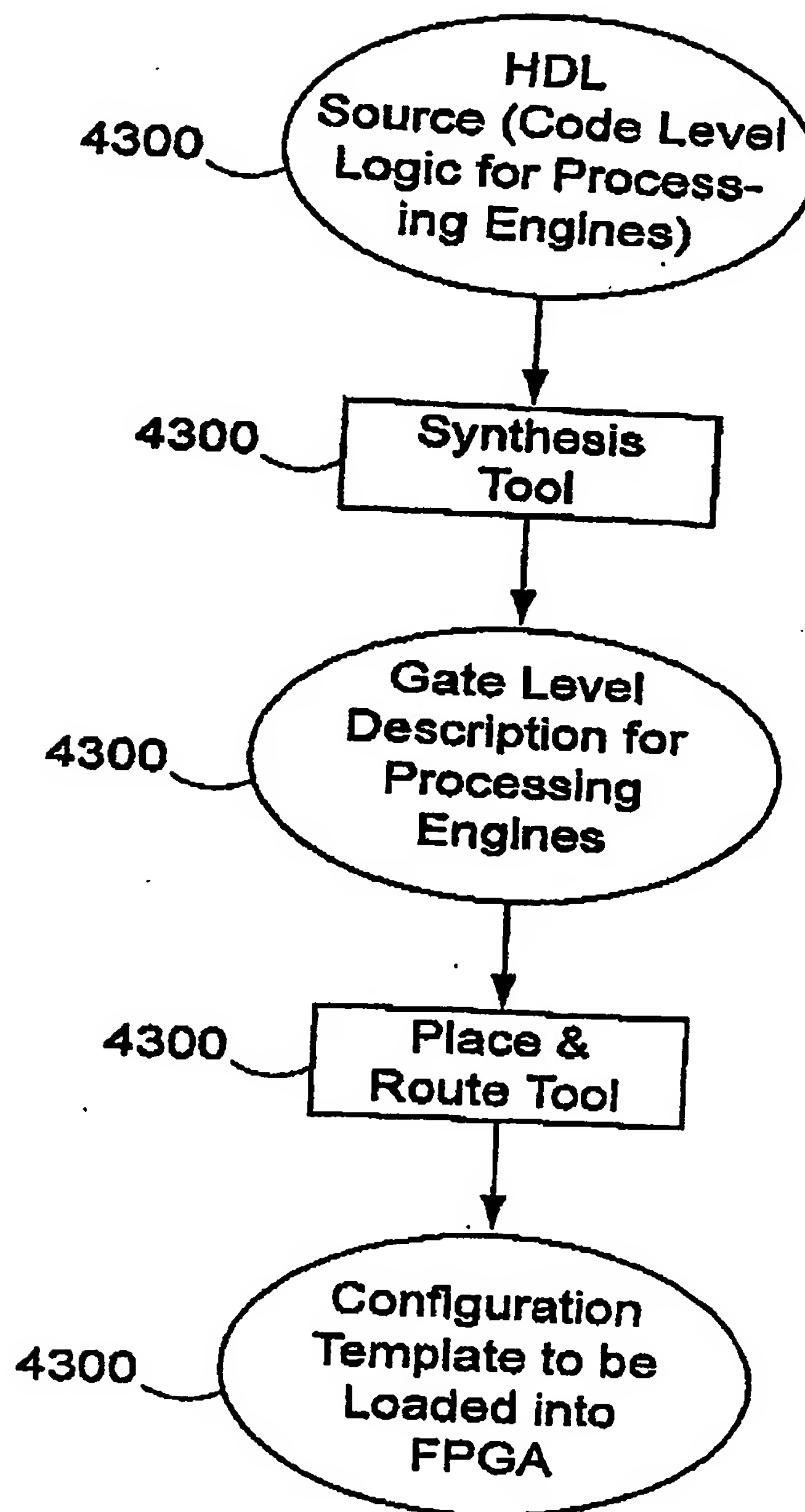
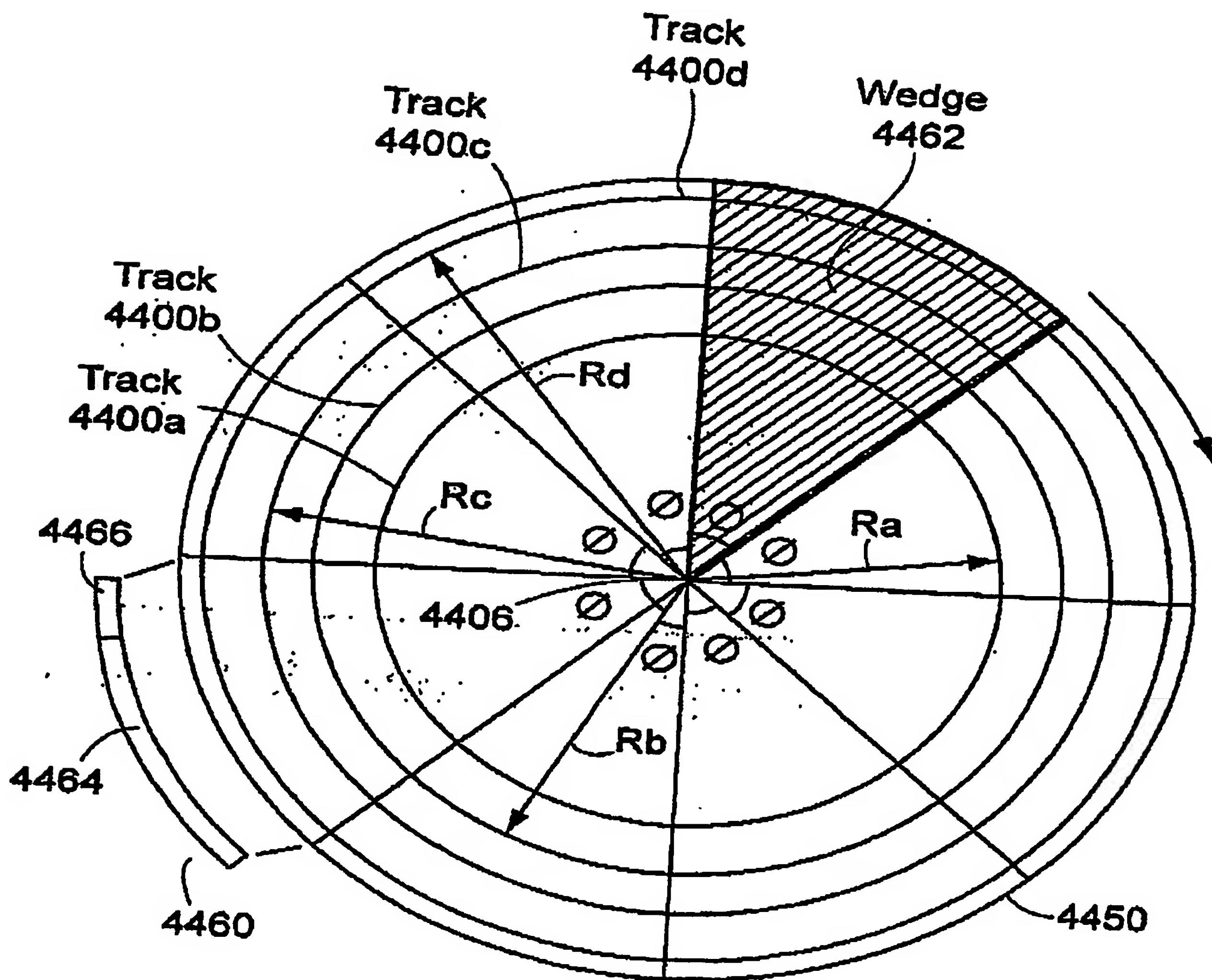


Figure 43



$$\phi = \frac{2\pi}{W}; \text{ W = Total Number of Wedges}$$

PRIOR ART

Figure 44(a)



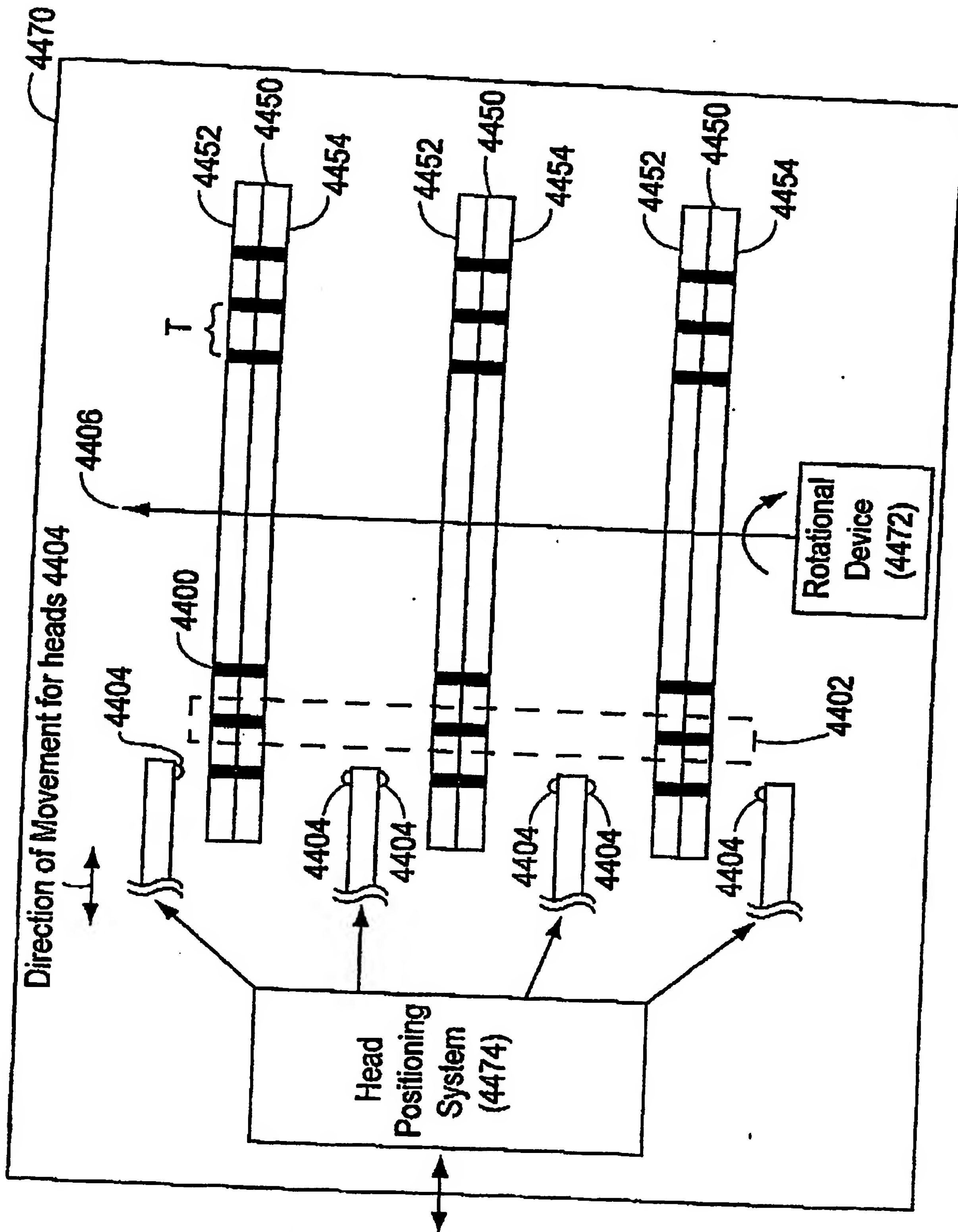


Figure 44(b)

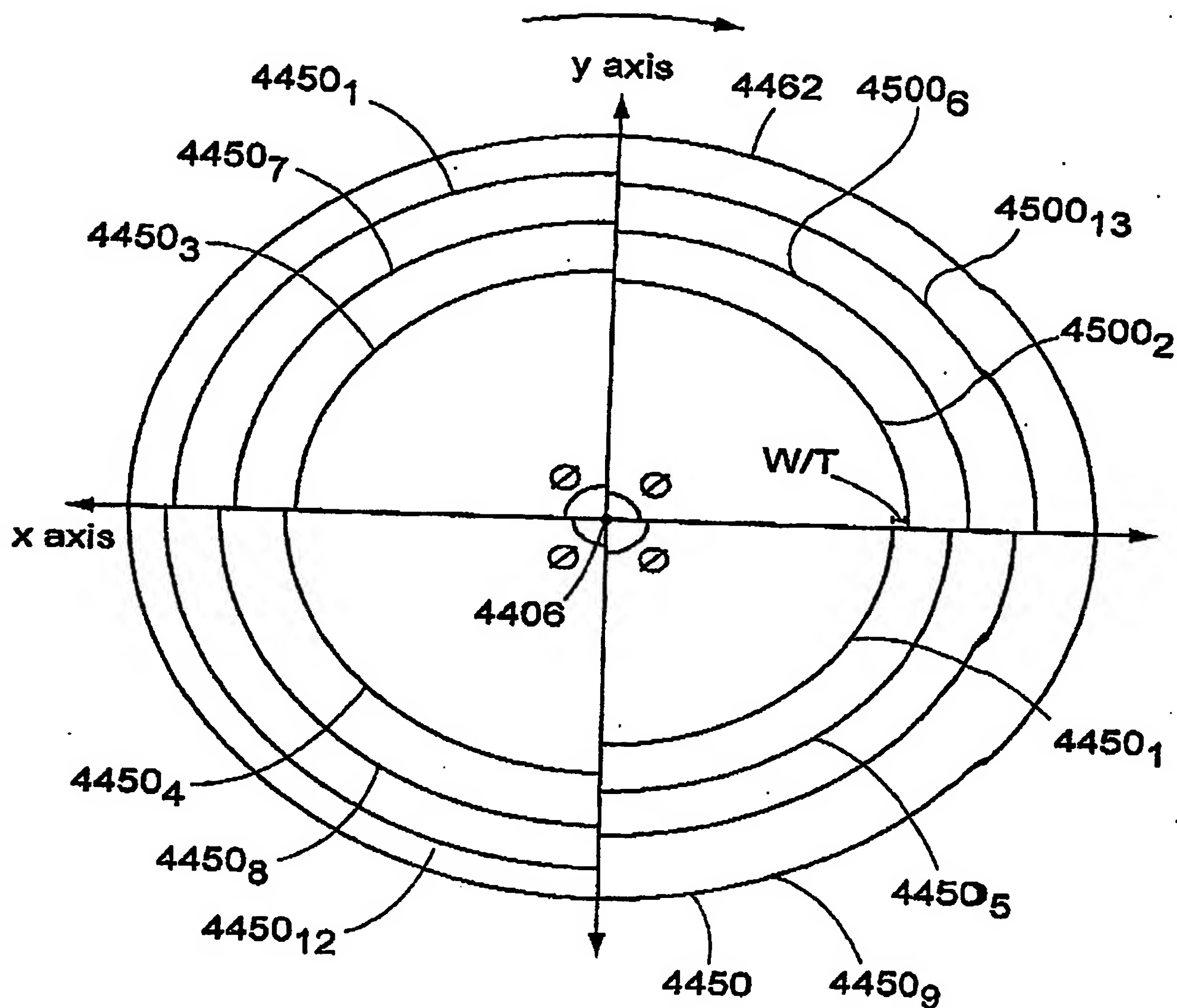


Figure 45

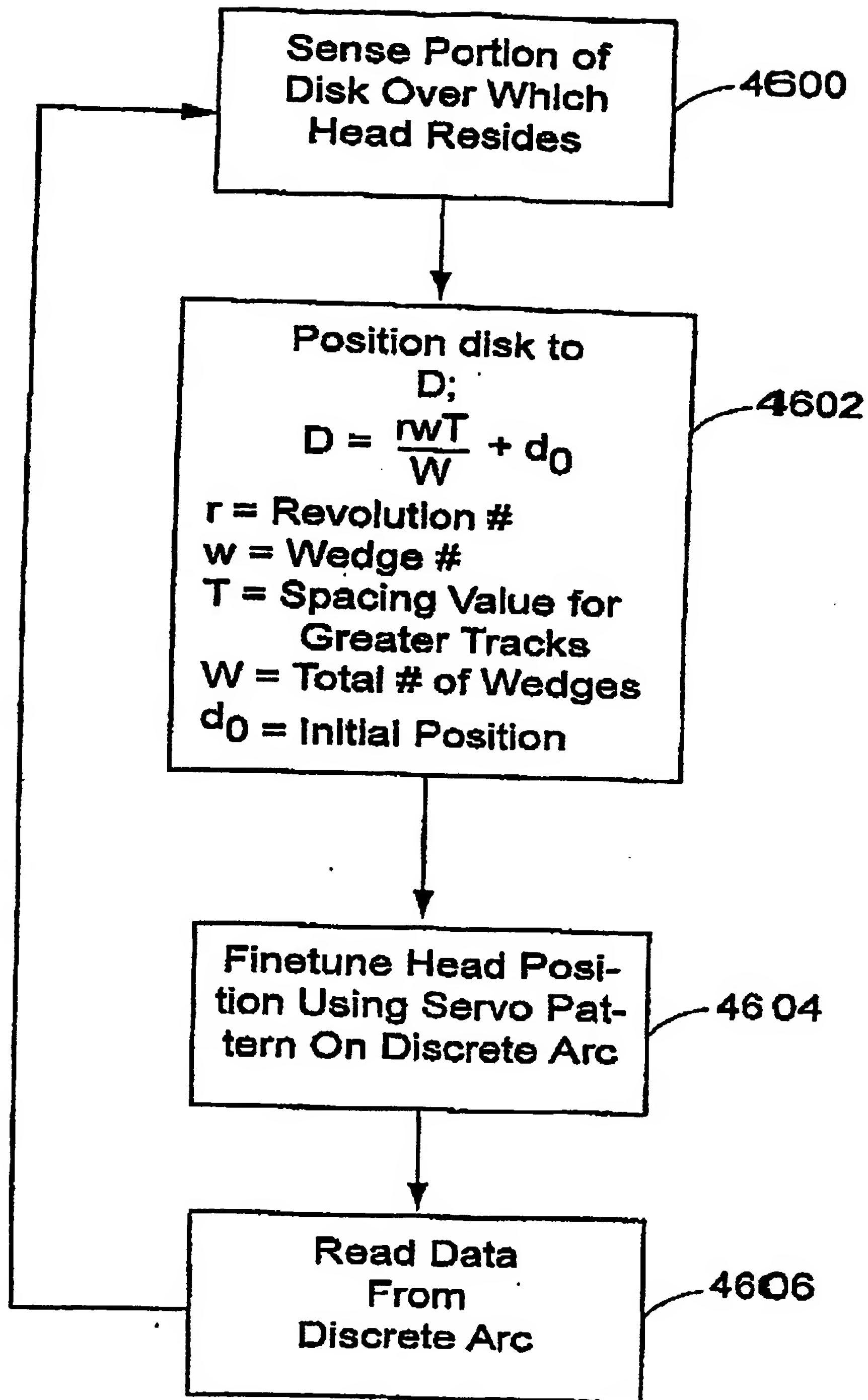


Figure 46

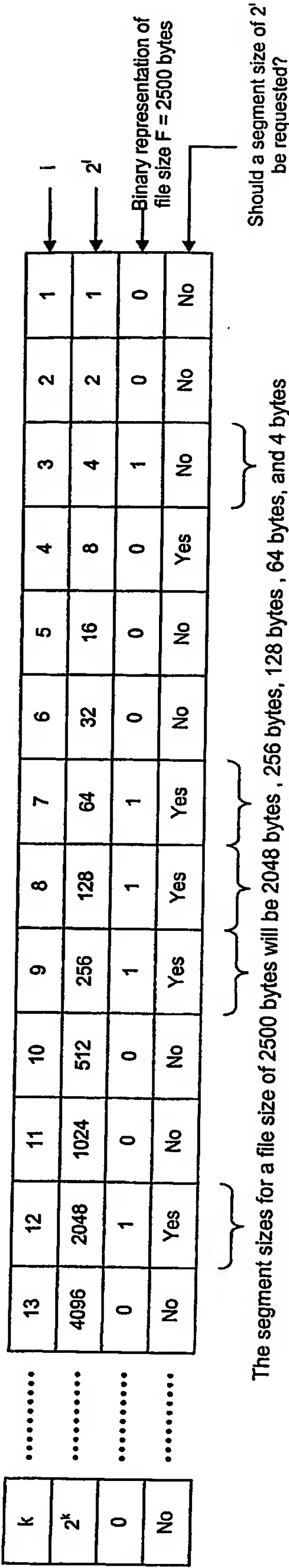


Figure 47(a)

Minimum Segment Size is 2<sup>m</sup>, wherein m is 10

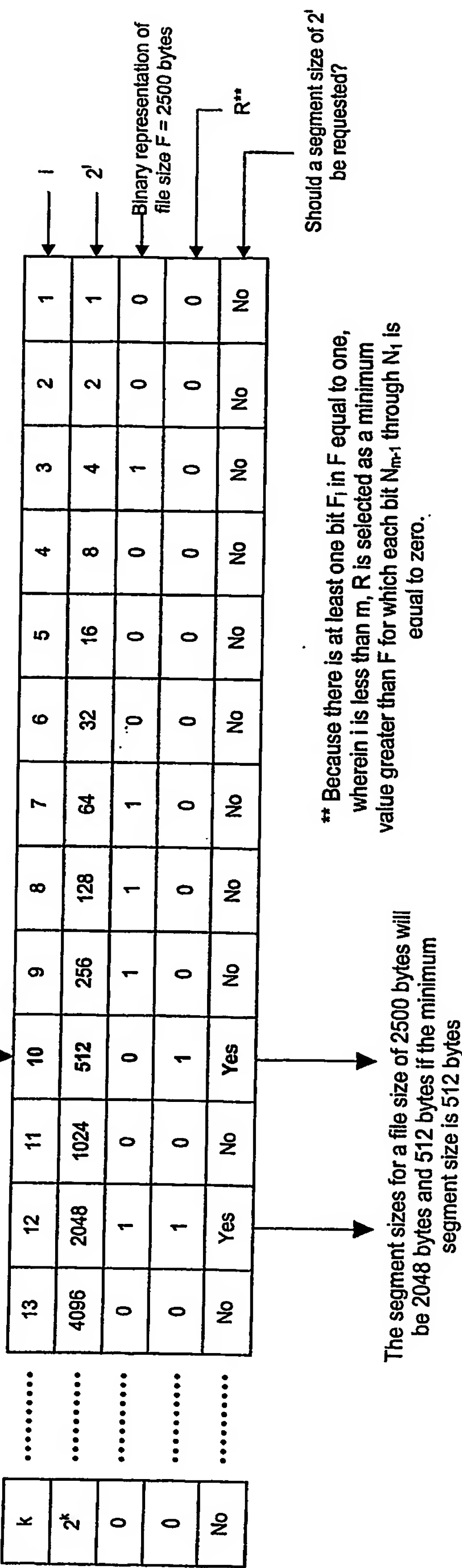
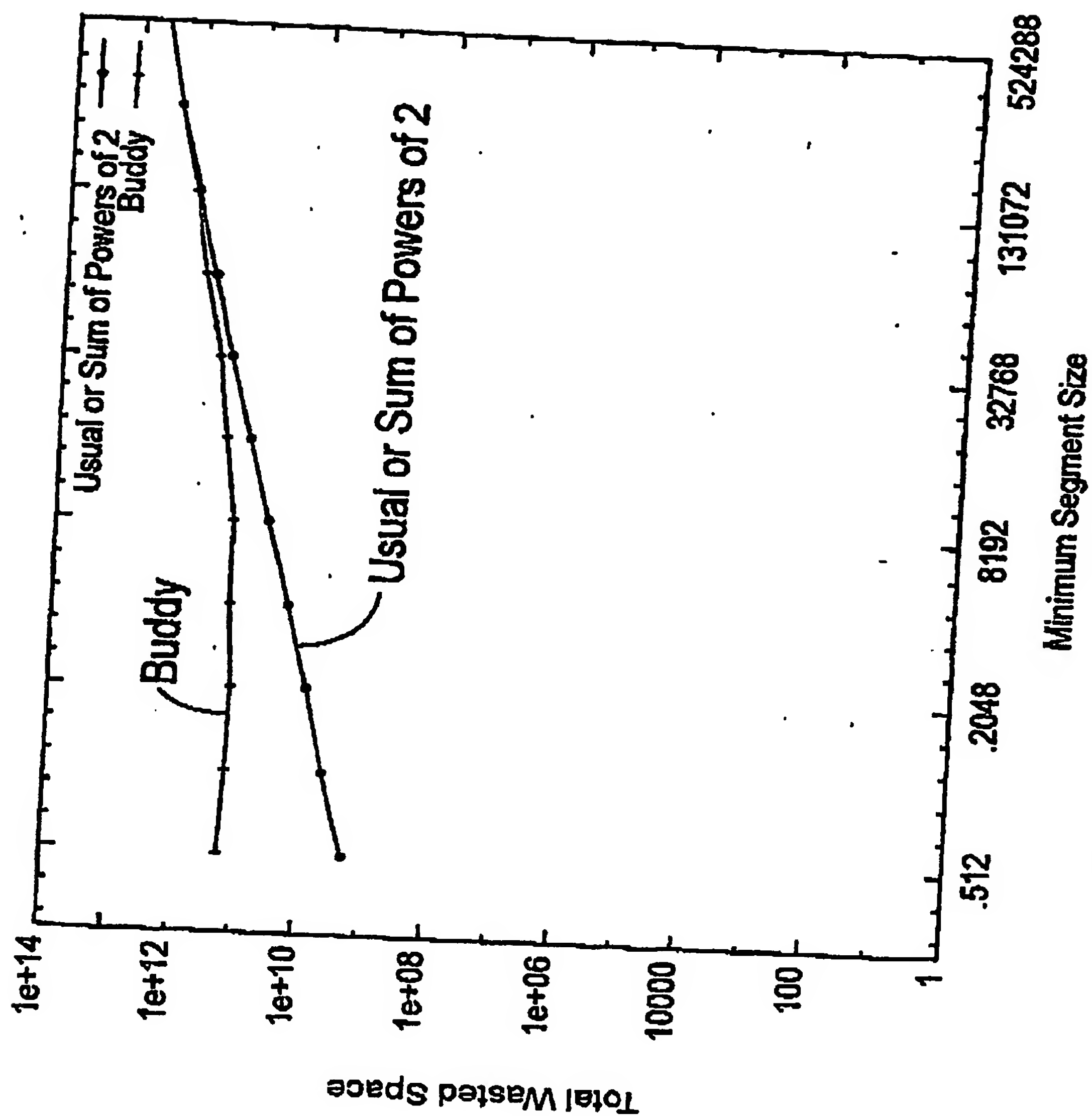
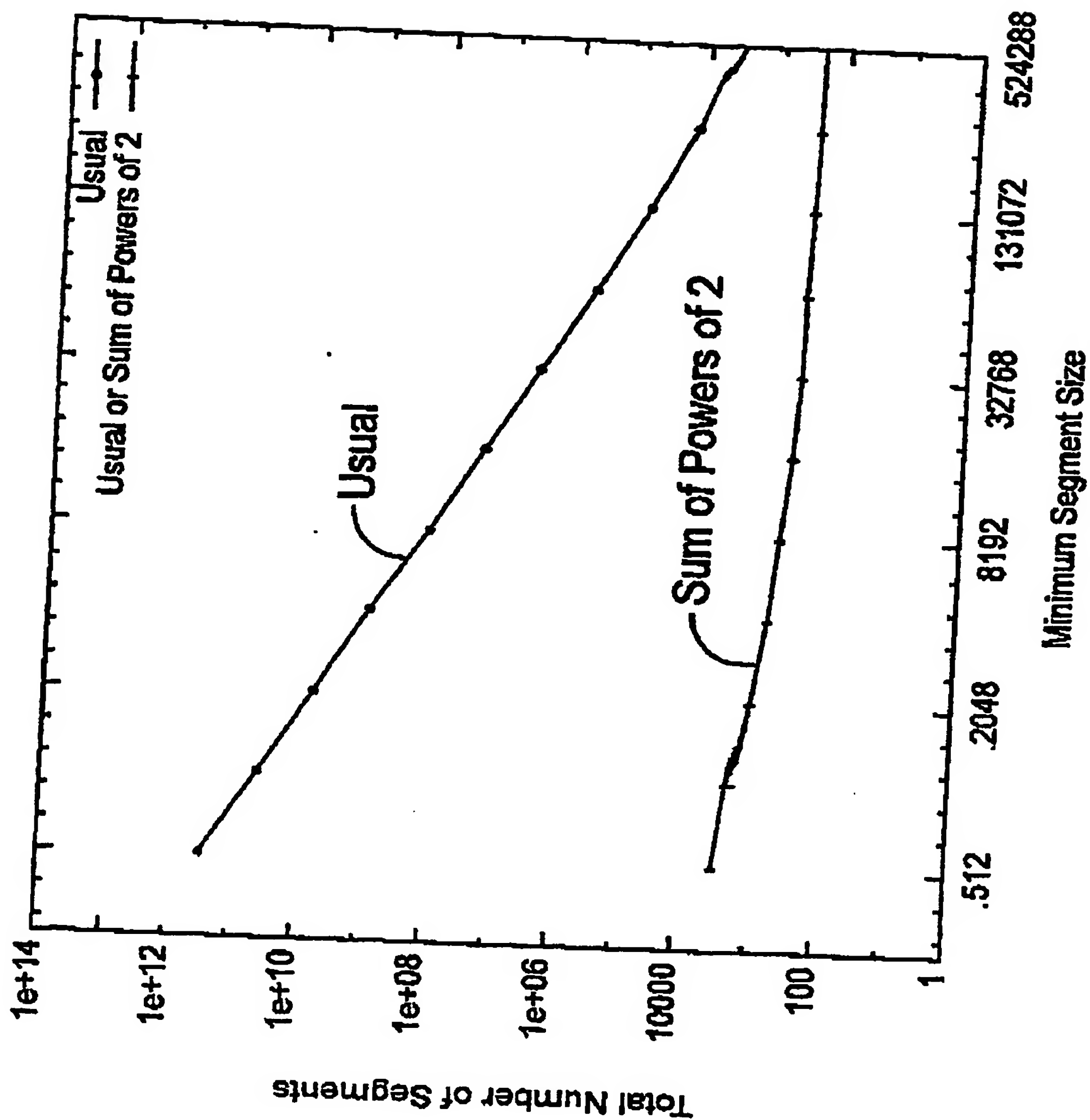


Figure 47(b)



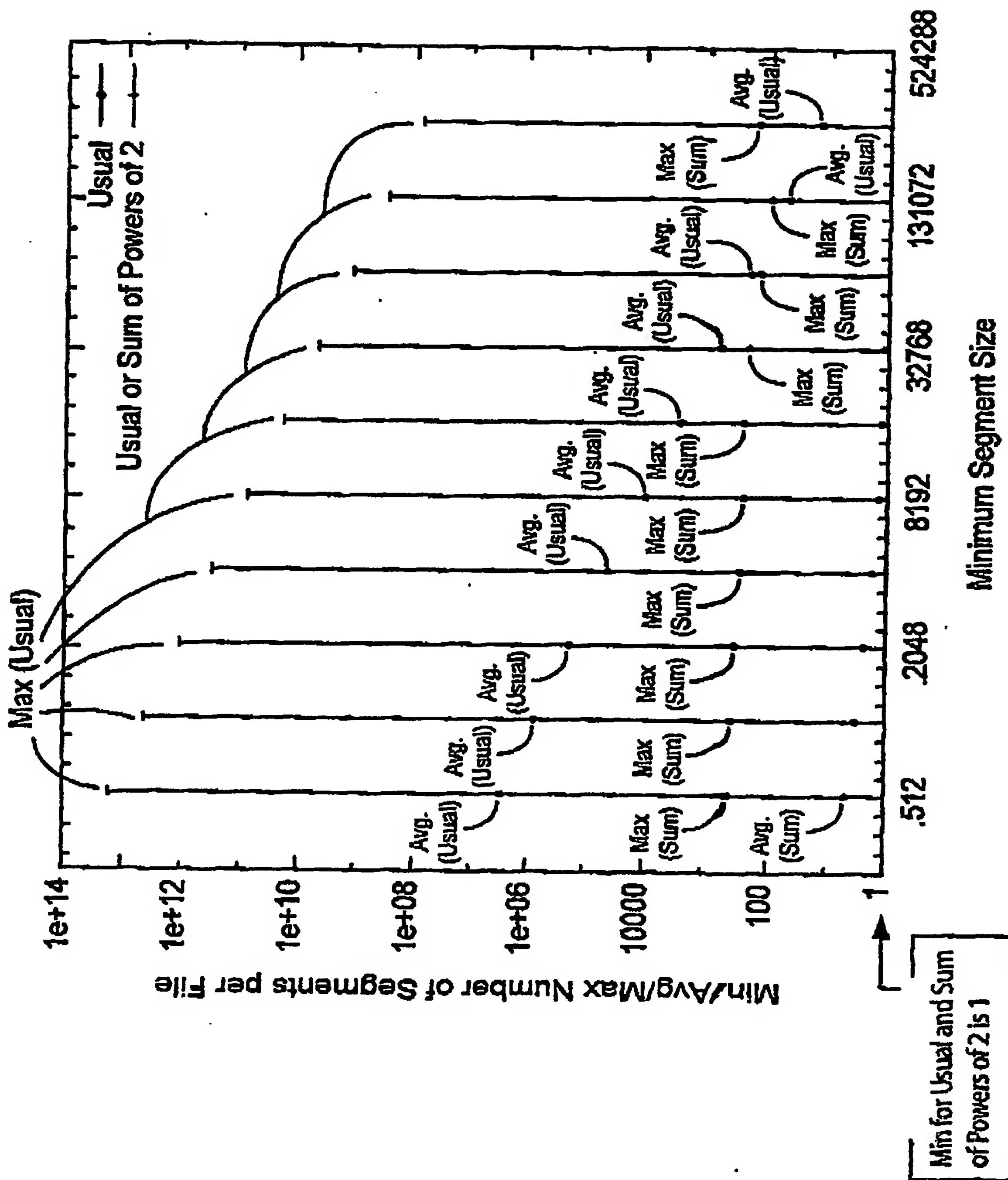
Wasted storage due to internal fragmentation.

Figure 48



Total number of segments in the file system.

Figure 49



Number of segments per file.

Figure 50

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